Pioneer DJ

Service Manual

XDJ-XZ

ORDER NO.
RRV4699

All-In-One DJ System

XDJ-XZ

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
XDJ-XZ	AXJ	AC 220 V	
XDJ-XZ	LWSYXJ	AC 110 V to 240 V	
XDJ-XZ	UXJCB	AC 120 V	
XDJ-XZ	JXJ	AC 100 V	

THIS SERVICE MANUAL SHOULD BE USED TOGETHER WITH THE FOLLOWING MANUAL(S).

Model	Order No.	Remarks
XDJ-XZ	RRV4698	BLOCK DIAGRAM, EXPLODED VIEWS AND PARTS LIST etc.

Pioneer DJ Corporation
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K-ZZZ OCT. 2019

SAFETY INFORMATION

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

Caution
Since the fuse may be neutral of the mains supply, disconnect the mains to de-energize the phase conductors.

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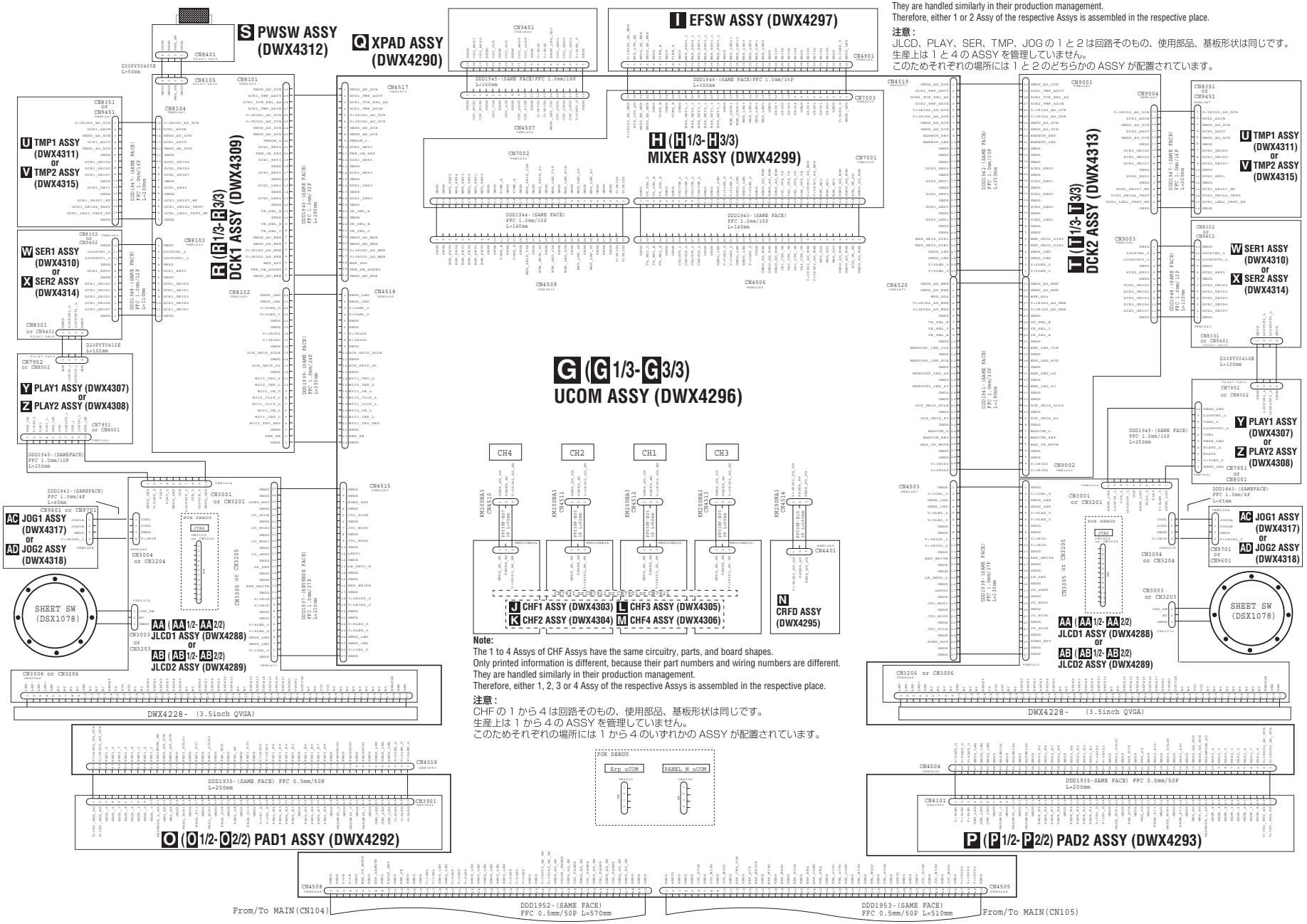
10. SCHEMATIC DIAGRAM


S PWSW ASSY (DWX4312)
Q XPAD ASSY (DWX4290)
I EFSW ASSY (DWX4297)
U TMP1 ASSY (DWX4311) or V TMP2 ASSY (DWX4315)
R (R1/3-R3/3) DCK1 ASSY (DWX4309)
H (H1/3-H3/3) MIXER ASSY (DWX4299)
T (T1/3-T3/3) DCK2 ASSY (DWX4313)
W SER1 ASSY (DWX4310) or X SER2 ASSY (DWX4314)
G (G1/3-G3/3) UCOM ASSY (DWX4296)
Y PLAY1 ASSY (DWX4307) or Z PLAY2 ASSY (DWX4308)
AC JOG1 ASSY (DWX4317) or AD JOG2 ASSY (DWX4318)
AA (AA1/2-AA2/2) JLCD1 ASSY (DWX4288) or AB (AB1/2-AB2/2) JLCD2 ASSY (DWX4289)
J CHF1 ASSY (DWX4303) L CHF3 ASSY (DWX4305)
K CHF2 ASSY (DWX4304) M CHF4 ASSY (DWX4306)
N CRFD ASSY (DWX4295)
O (O1/2-O2/2) PAD1 ASSY (DWX4292)
P (P1/2-P2/2) PAD2 ASSY (DWX4293)
DWX4228- (3.5inch QVGA)
From/To MAIN(CN104)
From/To MAIN(CN105)
SHEET SW (DSX1078)
JTAG
FOR DEBUG

Note:
The 1 and 2 Assys of JLCD, PLAY, SER, TMP and JOG Assys have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
JLCD、PLAY、SER、TMP、JOGの１と２は回路そのもの、使用部品、基板形状は同じです。
生産上は１と４のASSYを管理していません。
このためそれぞれの場所には１と２のどちらかのASSYが配置されています。

Note:
The 1 to 4 Assys of CHF Assys have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1, 2, 3 or 4 Assy of the respective Assys is assembled in the respective place.

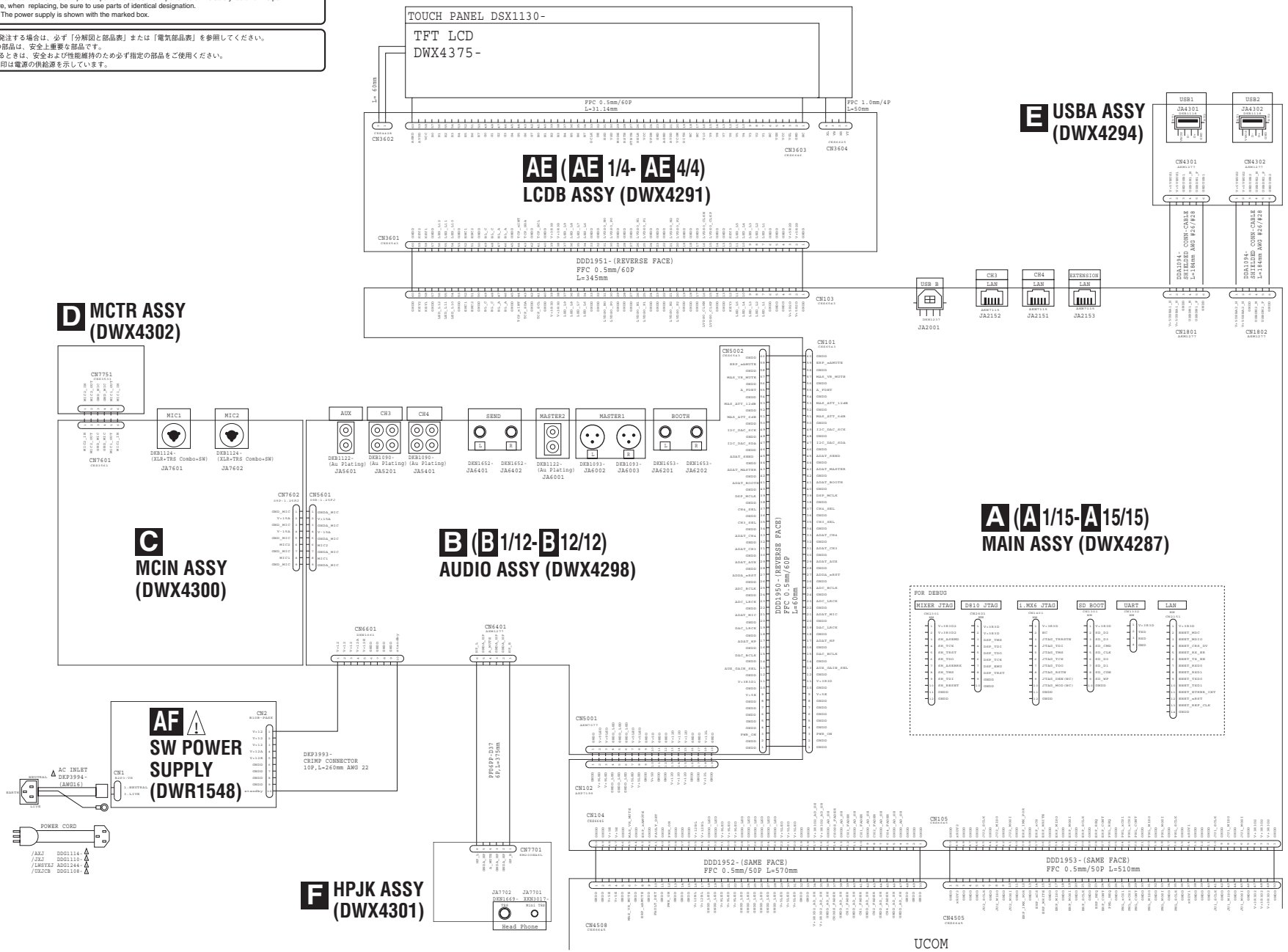
注意：
CHFの１から４は回路そのもの、使用部品、基板形状は同じです。
生産上は１から４のASSYを管理していません。
このためそれぞれの場所には１から４のいずれかのASSYが配置されています。

10.2 OVERALL WIRING DIAGRAM (2/2)

XDJ-XZ

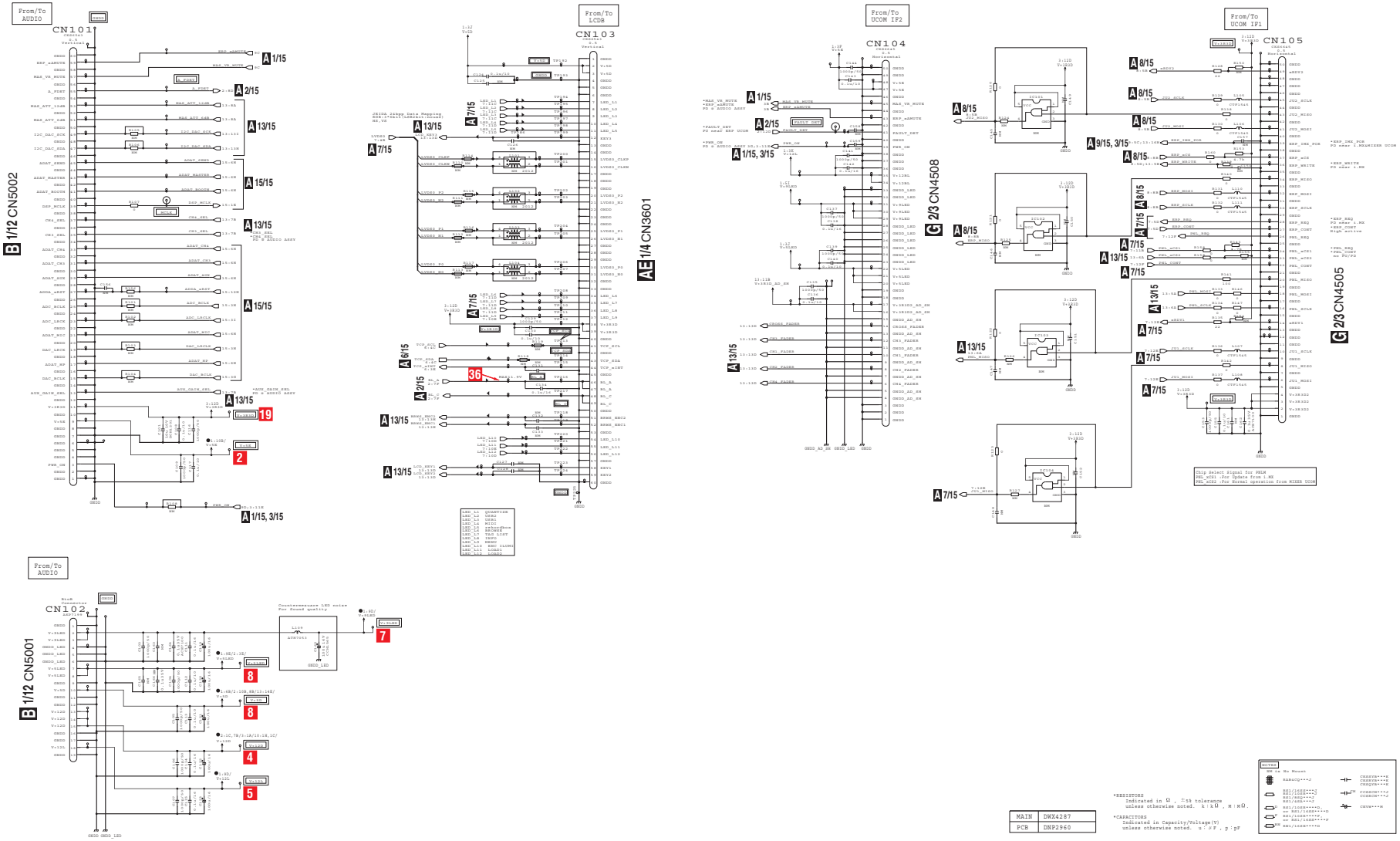
- When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- : The power supply is shown with the marked box.

- 部品を発注する場合は、必ず「分解図と部品表」または「電気部品表」を参照してください。
- ⚠印の部品は、安全上重要な部品です。 交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
- 印は電源の供給源を示しています。



BOARD I/F

A 1/15 MAIN ASSY (DWX4287)



MAIN	DWX4287
PCB	DNP2960

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k:kΩ , M:MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u:μF , p:pF

NOTES
MAIN Unit Mounted

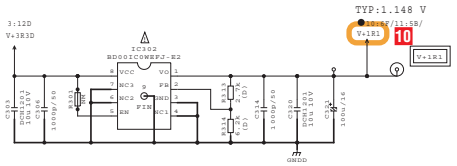
A 1/15

XDJ-XZ

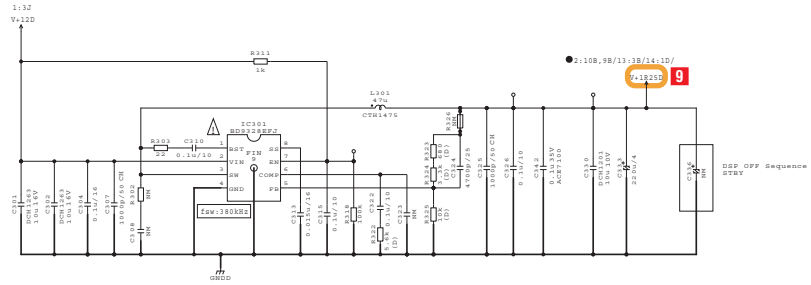
PWR1

A 2/15 MAIN ASSY (DWX4287)

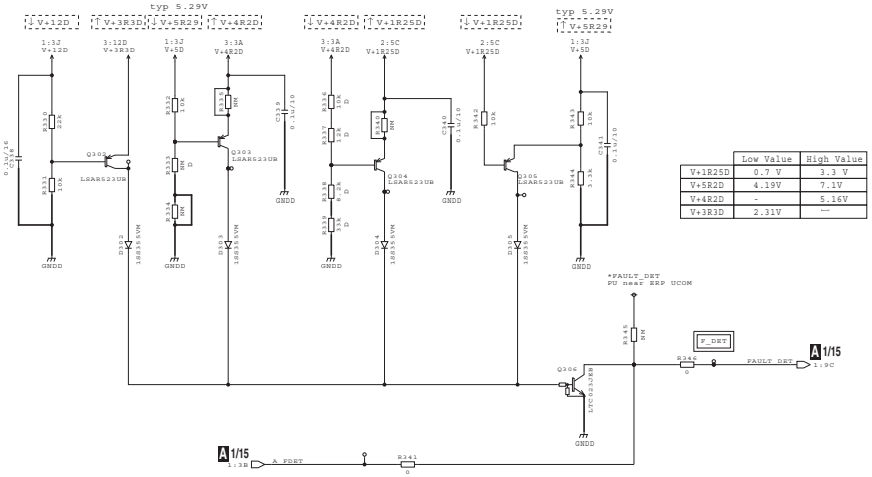
REGULATOR 3.3V=>1.1V(D)



DC/DC Converter 12V=>1.25V(D)



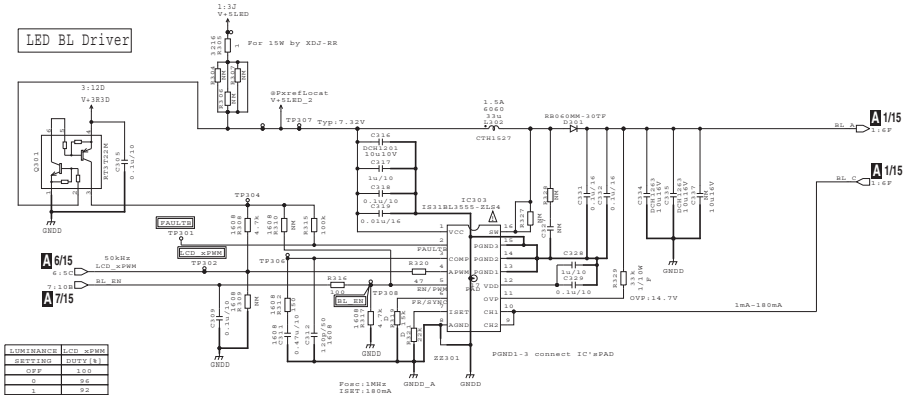
VOLTAGE DETECTION CIRCUIT



	Low Value	High Value
V+1R25D	0.7 V	3.3 V
V+5R2D	4.19V	7.1V
V+4R2D	-	5.16V
V+3R3D	2.31V	—

F_DET	
H	Normal
L	Power failure

LED BL Driver



LUMINANCE SETTING	LCD_xPWM DUTY[%]
OFF	100
0	96
1	92
2	83
3	64
4	36
5	0

NOTES
NM is No Mount
RAR4CQ***J
RS1/16SS***J
RS1/10SS***J
RS1/8SS***J
RS1/4SA***J
RS1/10SR****D, or RS1/16SE****D
RS1/10SR****F, or RS1/16SE****F
RN1/16SE****D
CKSSYB***K
CKSRYB***K
CKSQYB***K
CCSSCH***J
CCSRCH***J
CEVW****M

*RESISTORS
Indicated in Ω, ±5% tolerance unless otherwise noted. k:kΩ, M:MΩ.

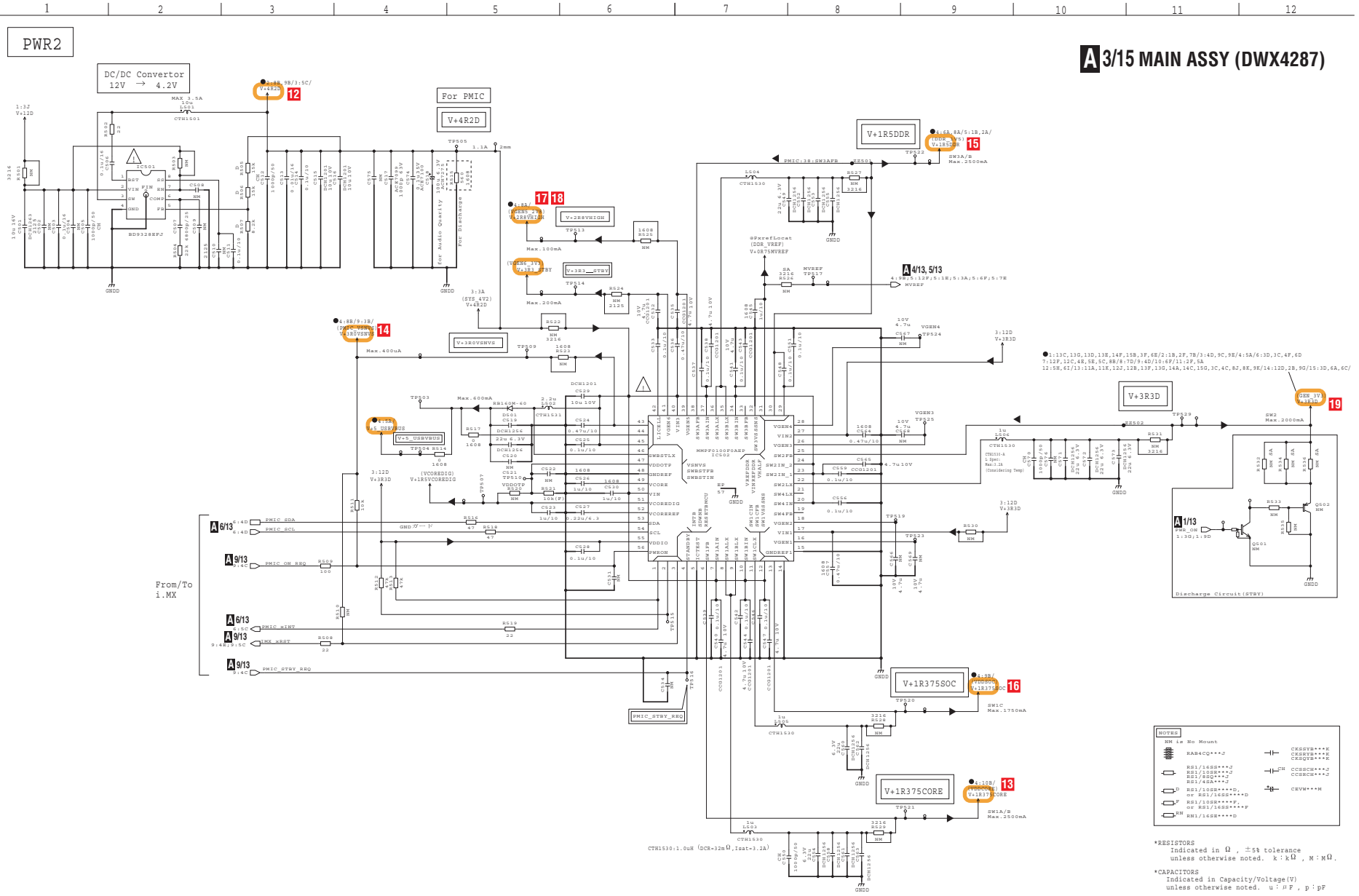
*CAPACITORS
Indicated in Capacity/Voltage(V) unless otherwise noted. u:μF, p:pF

- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- ⚠ 印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

MAIN	DWX4287
PCB	DNP2960

A 2/15

A 3/15 MAIN ASSY (DWX4287)

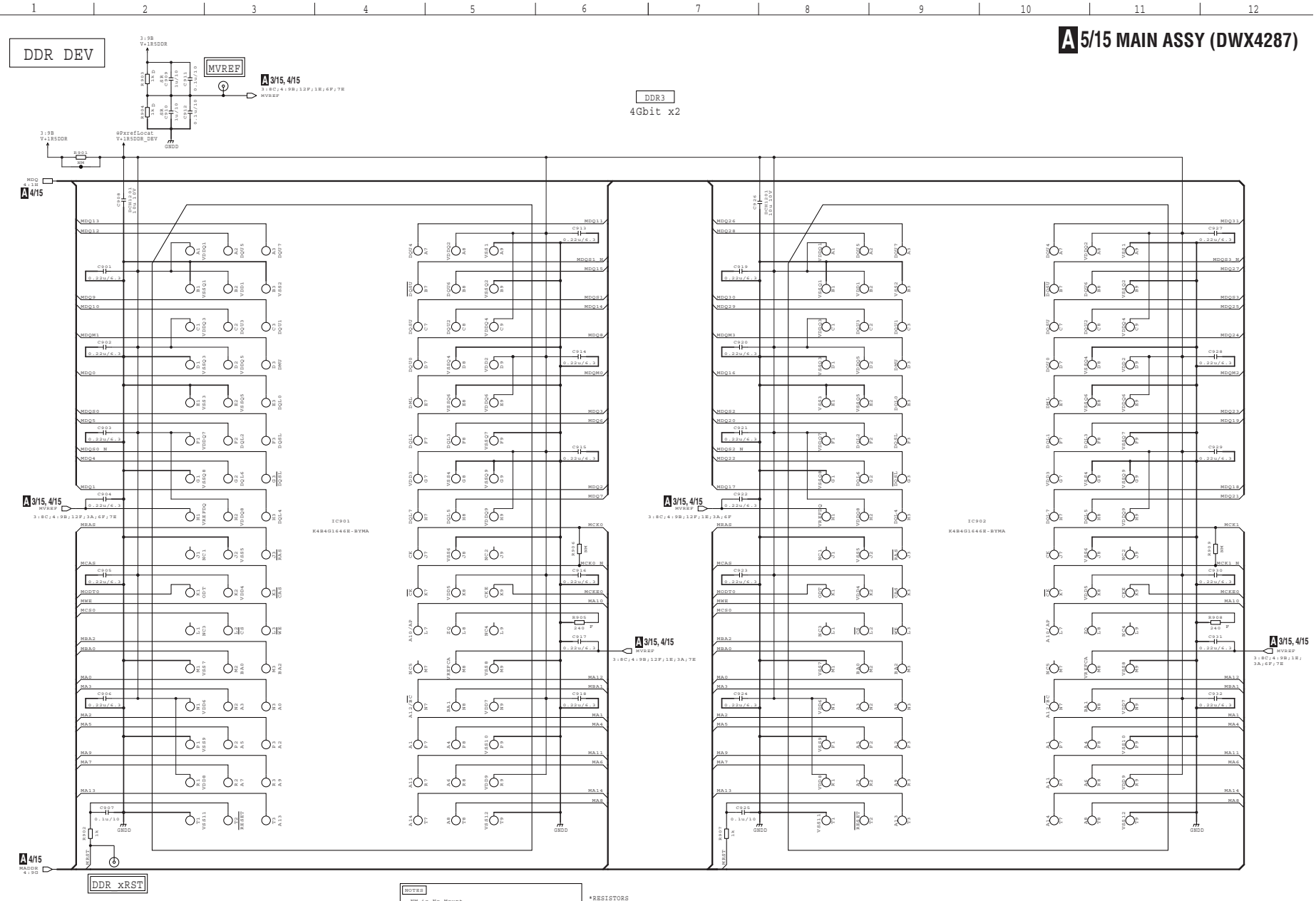


IMX PWR/DDR

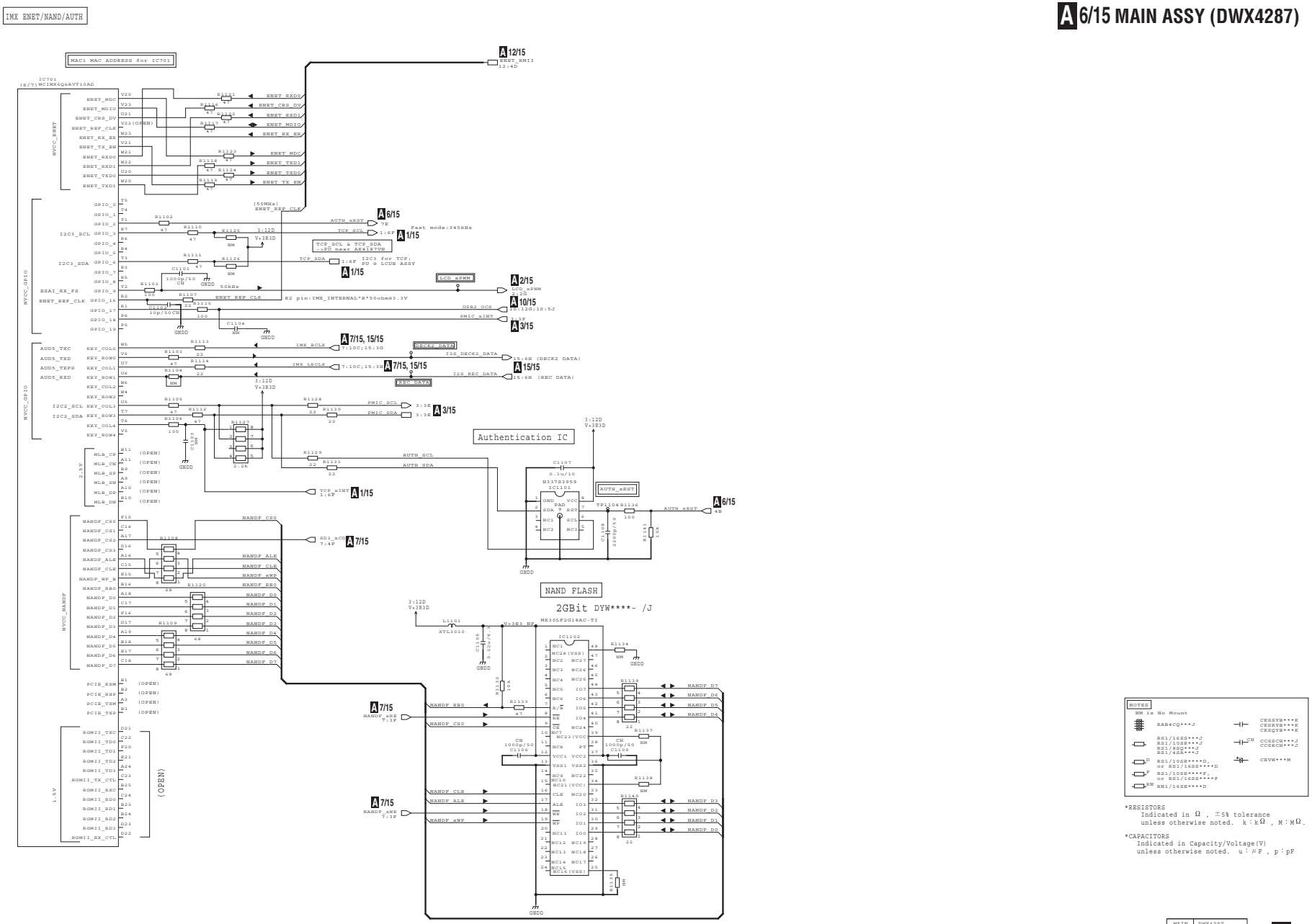
A 4/15 MAIN ASSY (DWX4287)

A 11/15
USB_OTG_VBUS
11:E4
3:4D
V+5_USBVBUS
MAX 35mA
4:6A/8:3B/
V+2R5VPH
for internal
V+1R8SCAP
11:10G,8G/
V+5R2D_VBUS
MAX 25mA
3:12D
V+3R3D
3:9E
V+1R5DDR
4:4A
V+2R5VPH
for internal
V+1R1PLLOUT
3:9E
V+1R5DDR
(2.8-3.3V)
3:5B
V+2R8VHIGH
(2.9-3.3V)
3:4C
V+1R0VSNVS
3:8C/5:12F/5:1E/5:3A/5:6F/5:7E
WKREF
A 3/15, 5/15
3:9F
V+1R375SOC
(1.275-1.5V)
3:9G
V+1R375CORE
for internal
V+ARMCAP
for internal
V+1R1SOCCAP
for internal
V+SVNSCAP
for internal
V+SVNSCAP
GNDD
(OPEN)
(OPEN)
(OPEN)

A 5/15 MAIN ASSY (DWX4287)



MAIN	DWX4287
PCB	DNP2960



NOTES

NM is No Mount

RAR4CQ***J

RS1/16SS***J
RS1/10SR***J
RS1/8SQ***J
RS1/4SA***J

RS1/10SR****D,
or RS1/16SS****D

RS1/10SR****F,
or RS1/16SS****F

RN1/16SS****D

CKSSYB***K
CKSSYX***K
CKSQYX***K

CCSSCH***J
CCSSCH***J

CRVW****M

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k:kΩ , M:MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u:μF , p:pF

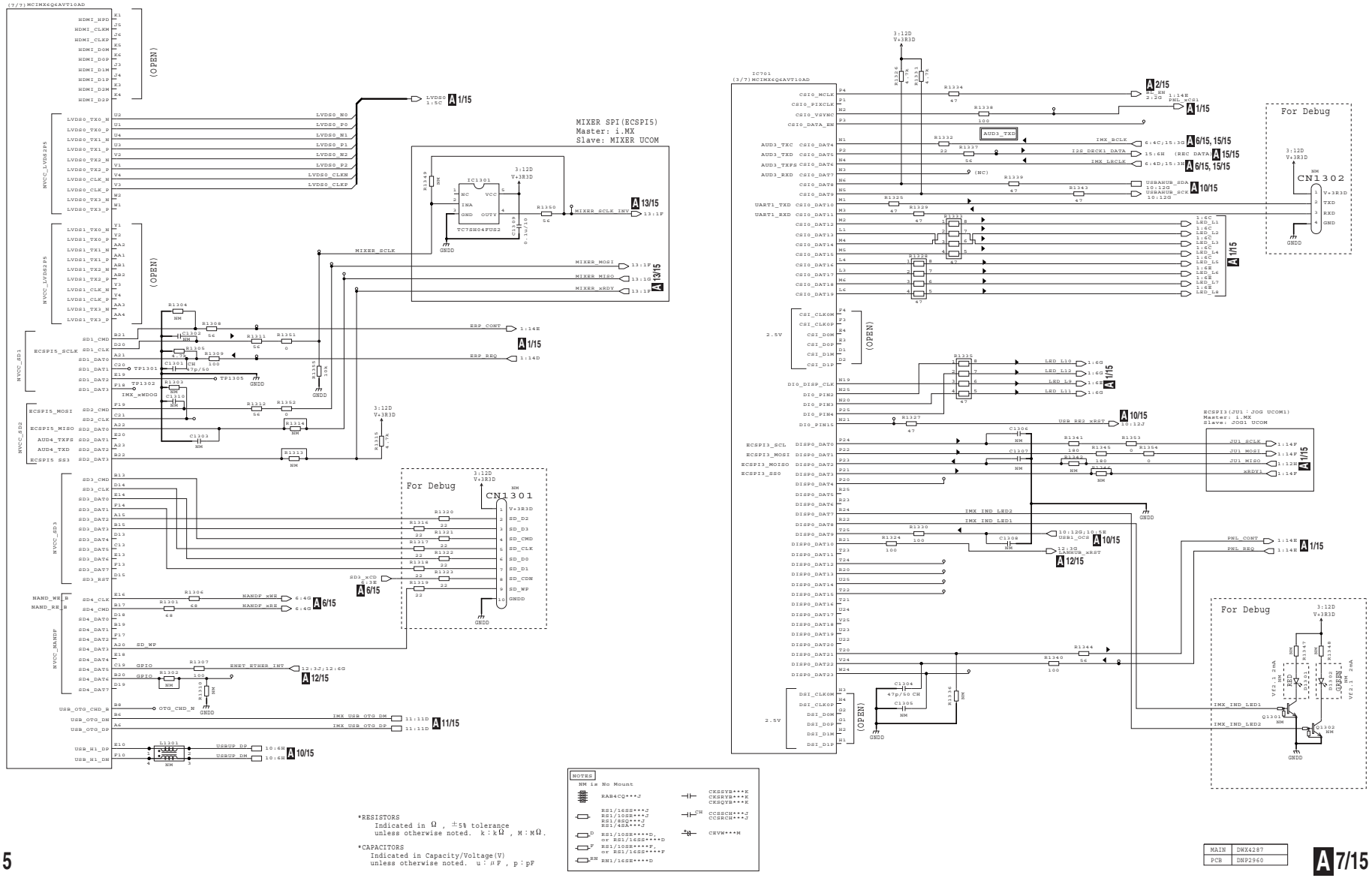
MAIN	DWX4287
PCB	DNP2960

A 6/15

A 6/15

A 7/15 MAIN ASSY (DWX4287)

IMX LCD/KEY/USBB/CLK/JIG



*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTES
NM is No Mount

	RAB4CQ***J		CKSSYB***K CKSSYX***K CKSQYB***K
	RS1/16SS***J RS1/10SS***J RS1/8SS***J RS1/4SA***J	CH	CCSSCH***J CCSSCH***J
D	RS1/10SE***D, or RS1/16SE***D	M	CRVW***M
F	RS1/10SE***F, or RS1/16SE***F		
RN	RN1/16SE***D		

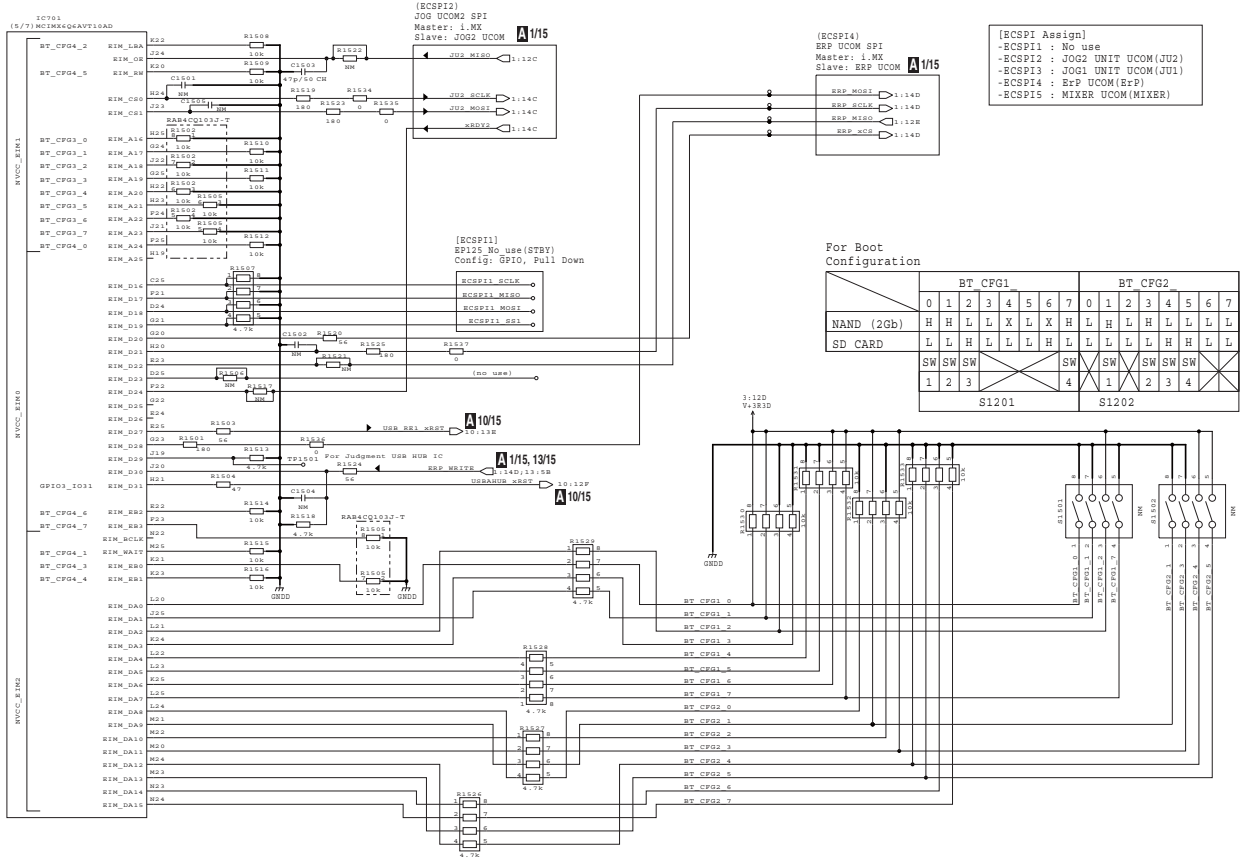
MAIN	DWX4287
PCB	DNP2960

A 7/15

A 7/15

IMX GPIO/BOOT

A 8/15 MAIN ASSY (DWX4287)



NOTES
NM is No Mount
RAB4CQ***J
RS1/16SE***J
RS1/16SE***J
RS1/8SQ***J
RS1/4SE***J
RS1/10SE****D, or RS1/16SS****D
RS1/10SE****F, or RS1/16SS****F
RN1/16SE****D
CKSSYB***K
CKSRYB***K
CKSQYB***K
CCSSCH***J
CCSRCH***J
CEVW***M

*RESISTORS
Indicated in Ω, ±5% tolerance unless otherwise noted. K:kΩ, M:MΩ.

*CAPACITORS
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MAIN	DWX4287
PCB	DNP2960

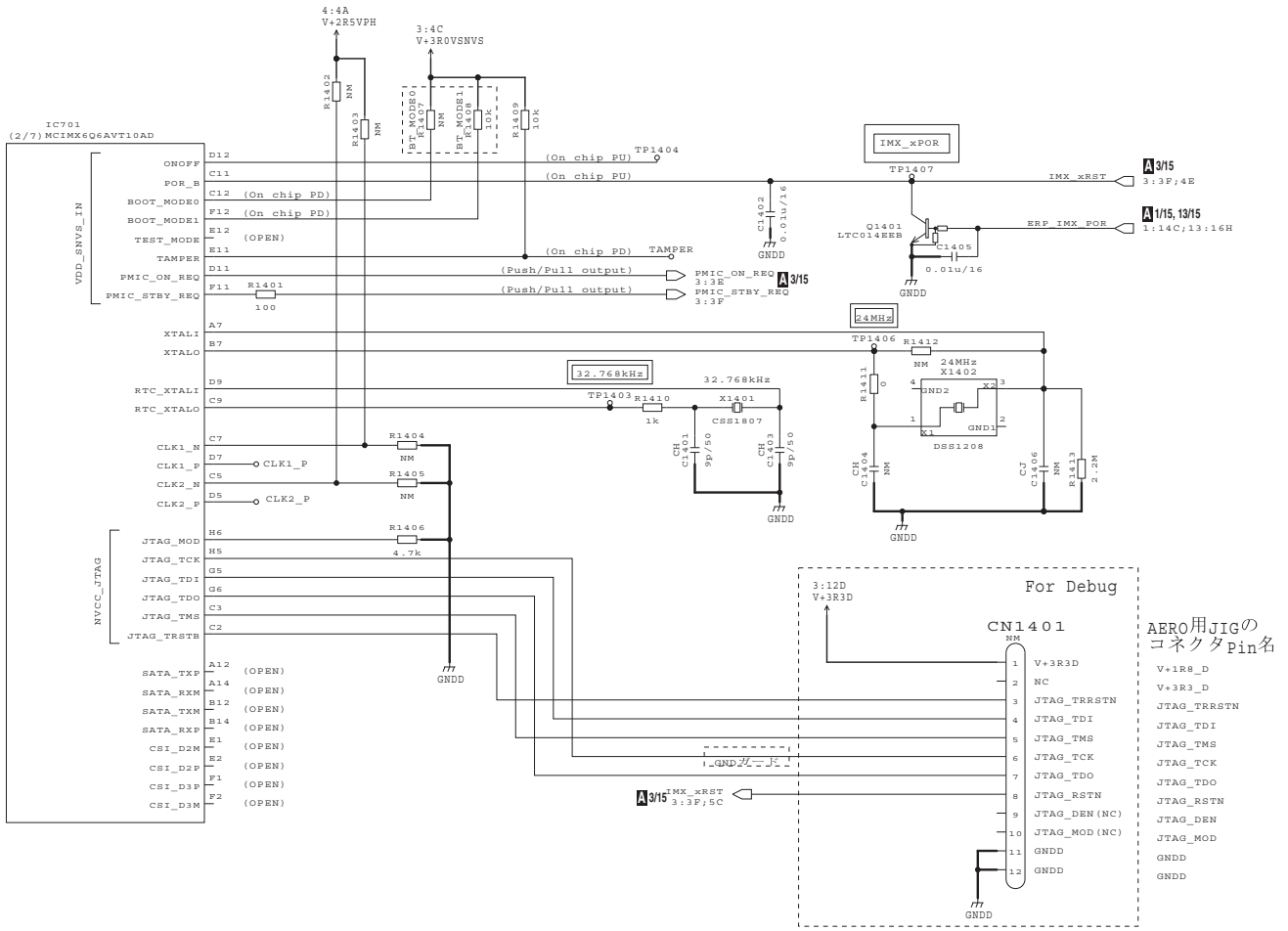
A 8/15

A 8/15

XDJ-XZ

IMX CLK/JTAG

BOOT MODE[10]	※0 : OPEN
00	Boot from fuses
01	Serial downloader
10	Boot from board settings (Board Default)
11	Reserved



NOTES

NM is No Mount

RAB4CQ***J	CKSSYB***K CKSRYB***K CKSQYB***K
RS1/16SS***J RS1/10SR***J RS1/8SQ***J RS1/4SA***J	CCSSCH***J CCSRCH***J
RS1/10SR****D, or RS1/16SS****D	CEVW***M
RS1/10SR****F, or RS1/16SS****F	
RN1/16SE****D	

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
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MAIN	DWX4287
PCB	DNP2960

USBA HUB

A 10/15MAIN ASSY (DWX4287)

for USBA1

5V DCDC for BUS_POWER

for USBA2

5V DCDC for BUS_POWER

USBA PORT Abnormal detection

USBA1 From/To USBA CN1801 E CN4301

USBA2 From/To USBA CN1802 E CN4302

*Connection Between [USBA HUB] and [Output Connector]

USBA4220 Pin	Connection of PERIPHERAL CIRCUIT	
USB_DP_DN1 USB_DM_DN1	USBA1 Output Connector	V+5USBA1
USB_DP_DN2 USB_DM_DN2	USBA2 Output Connector	V+5USBA2
OVERCUR1	USB2_OCE Net	
OVERCUR2	USB1_OCE Net	
PERCTL1(RB1)	USB2_EN Net	
PERCTL2(RB2)	USB1_EN Net	

2ports@HighSpeed OVERCUR1/2s (Low:Overcurrent Sense)

USB EYE HEIGHT Control

*RESISTORS
Indicated in Ω , ±5% tolerance unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
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• The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
• ⚠ 印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

MAIN	DWX4287
PCB	DNP2960

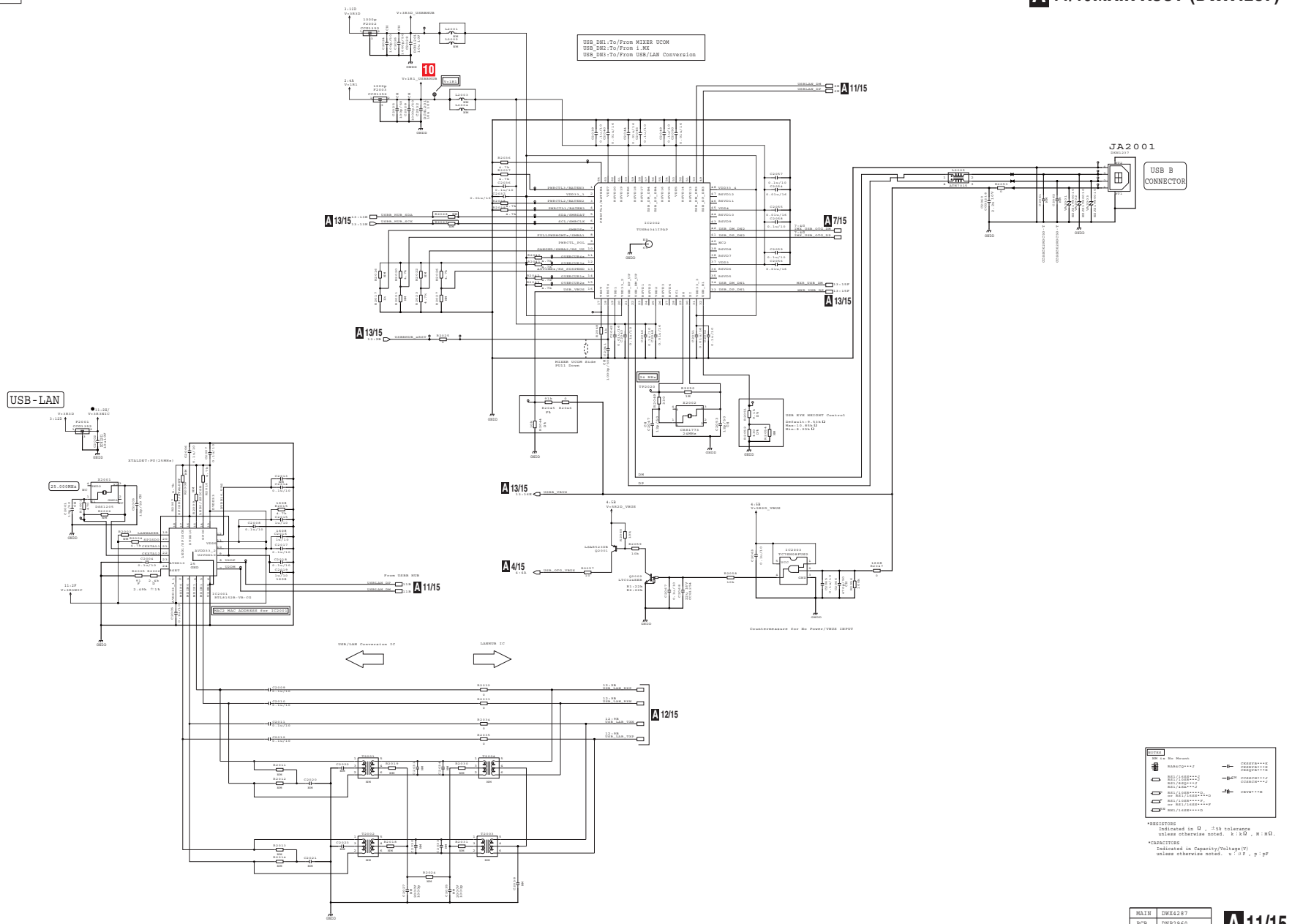
A 10/15

A 10/15

XDJ-XZ

USBB HUB

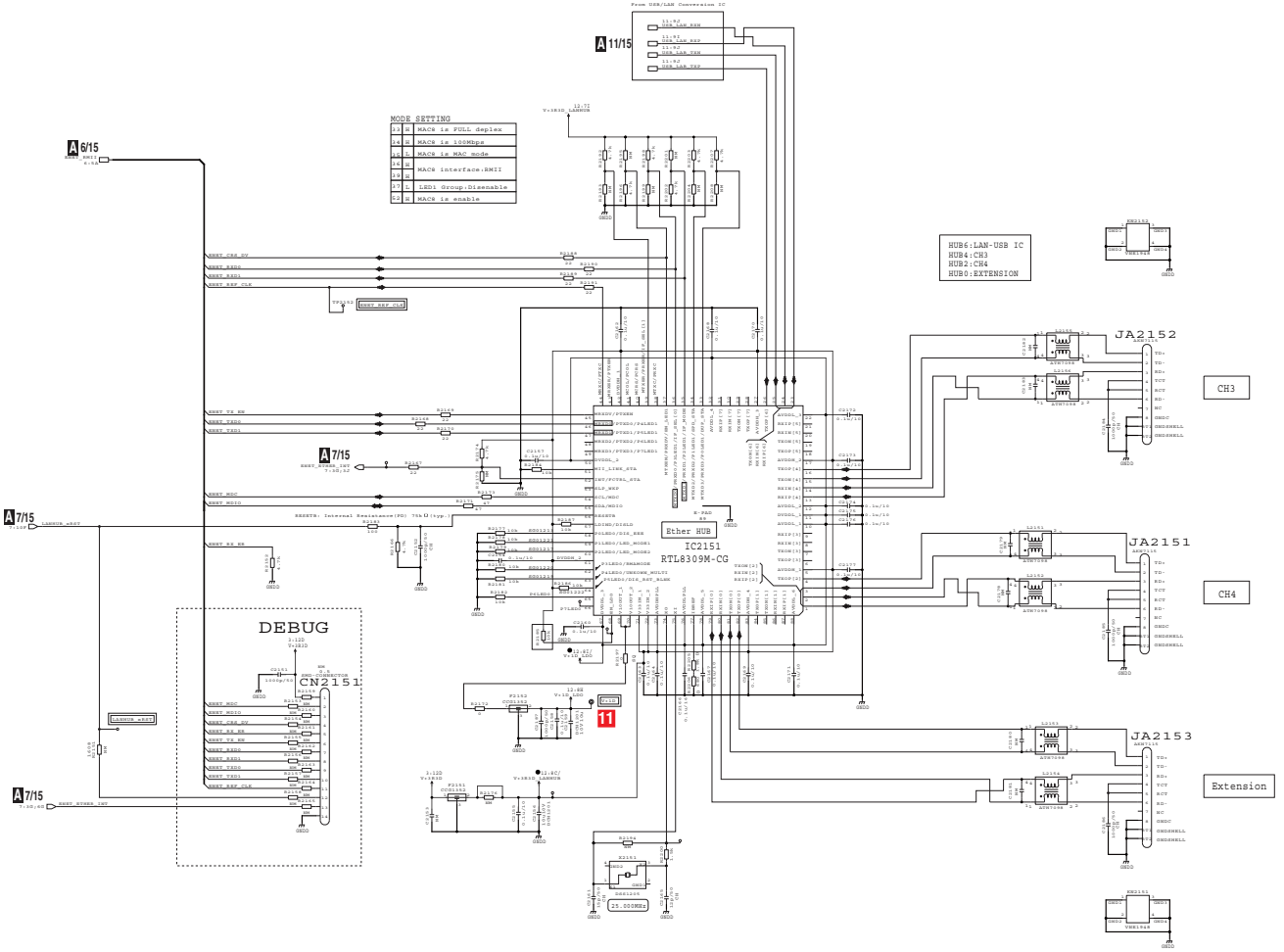
A 11/15MAIN ASSY (DWX4287)



MAIN	DWX4287
PCB	DNP2960

LAN HUB

A 12/15MAIN ASSY (DWX4287)



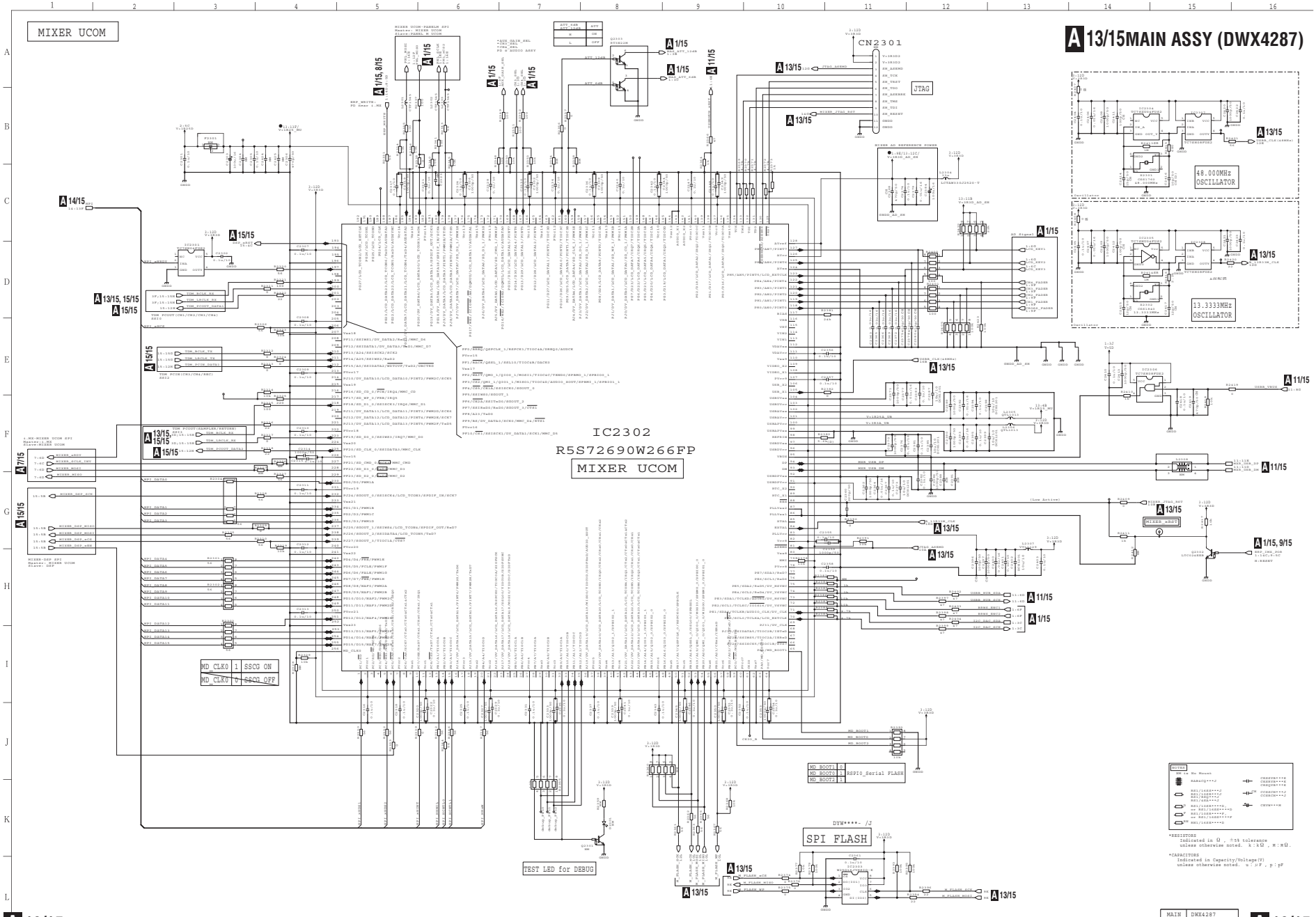
*RESISTORS
Indicated in Ω , ±% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

MAIN	DWX4287
PCB	DNP2960

A 12/15

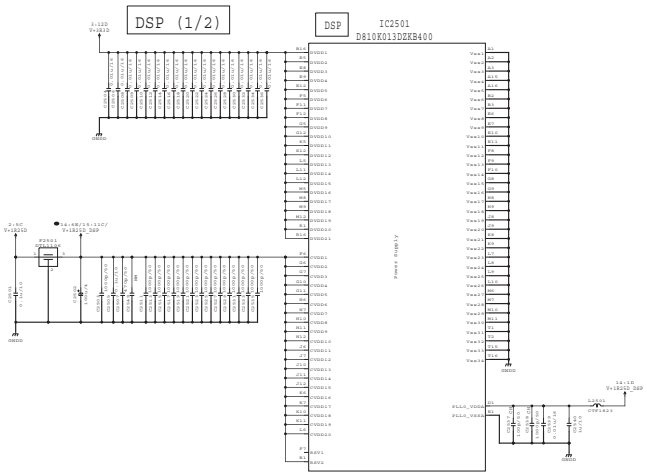
A 13/15 MAIN ASSY (DWX4287)

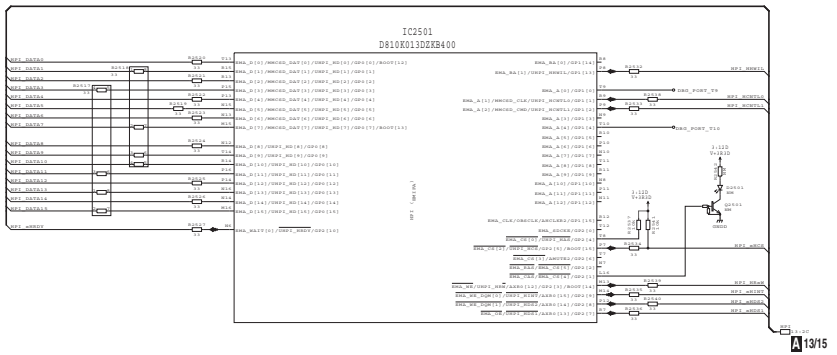


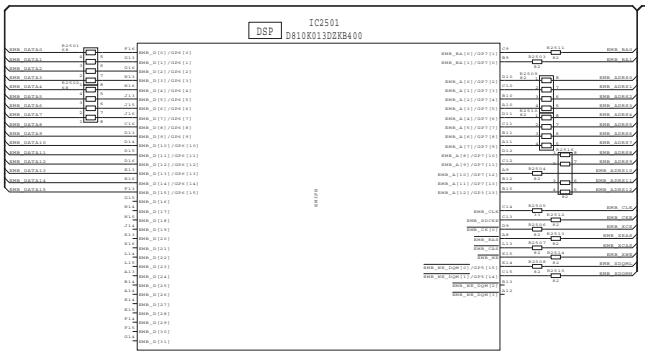
XDJ-XZ

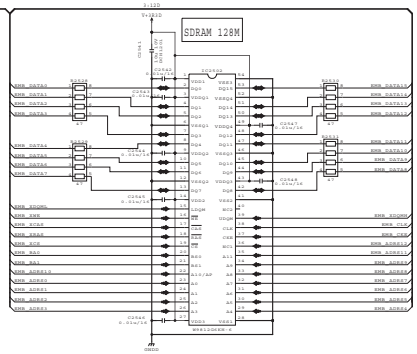
DSP 1/2

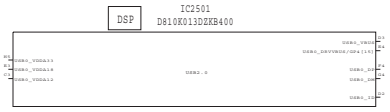
A 14/15MAIN ASSY (DWX4287)

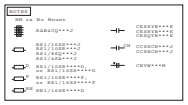












*RESISTORS
Indicated in Ω , ±% tolerance
unless otherwise noted. k:kΩ , M:MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u:μF , p:pF

MAIN	DWX4287
PCB	DNP2960

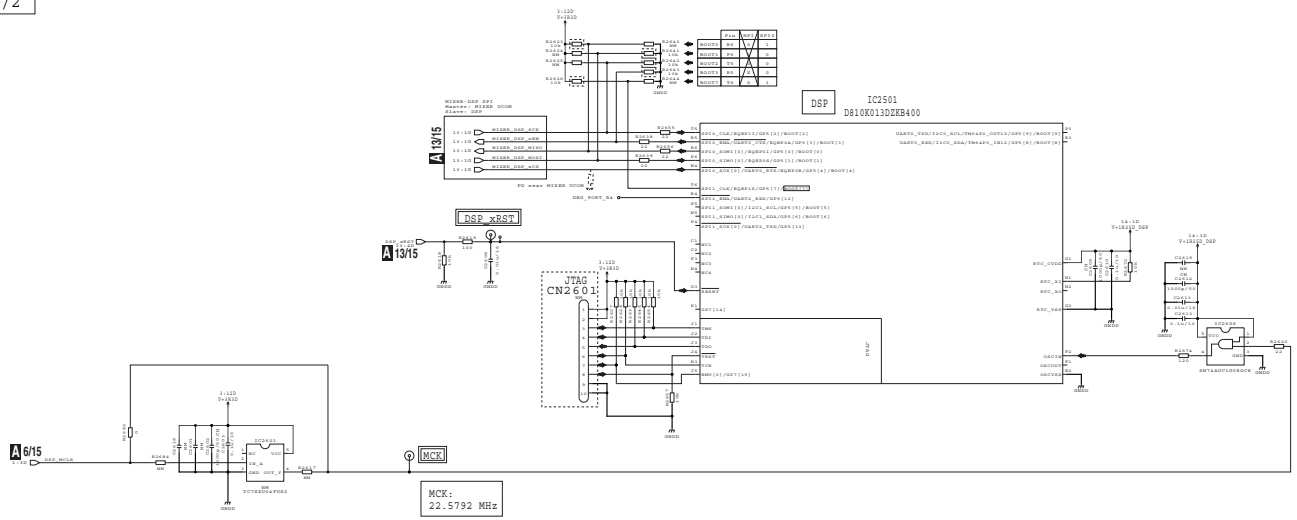
A 14/15

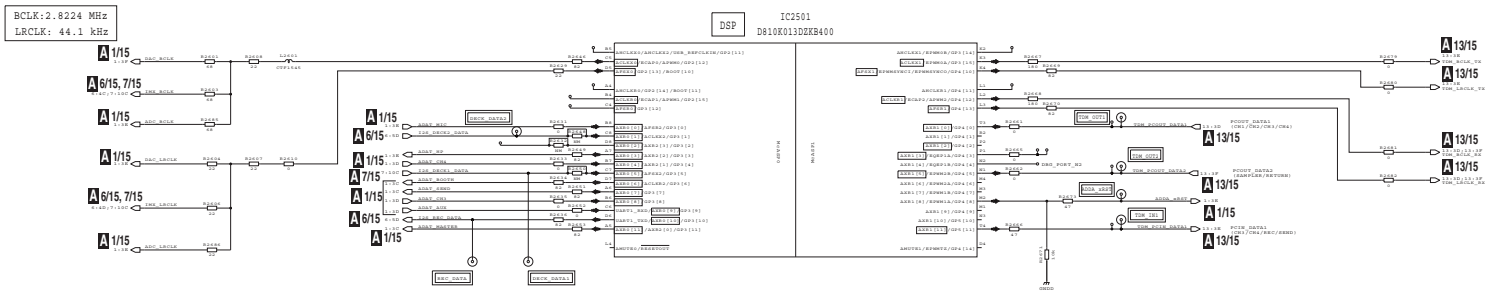
A 14/15

XDJ-XZ

DSP2/2

A 15/15MAIN ASSY (DWX4287)





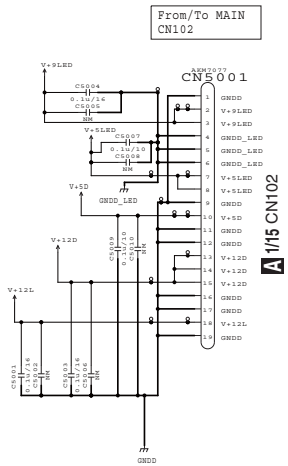
NOTES

*RESISTORS
Indicated in Ω , ⁻⁵⁄₁₀ tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

MAIN	DWX4287
PCB	DNP2960

B 1/12 AUDIO ASSY (DWX4298)



NOTES
NM means STANDBY
RS1/16SS***J
CKSSYB***K

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

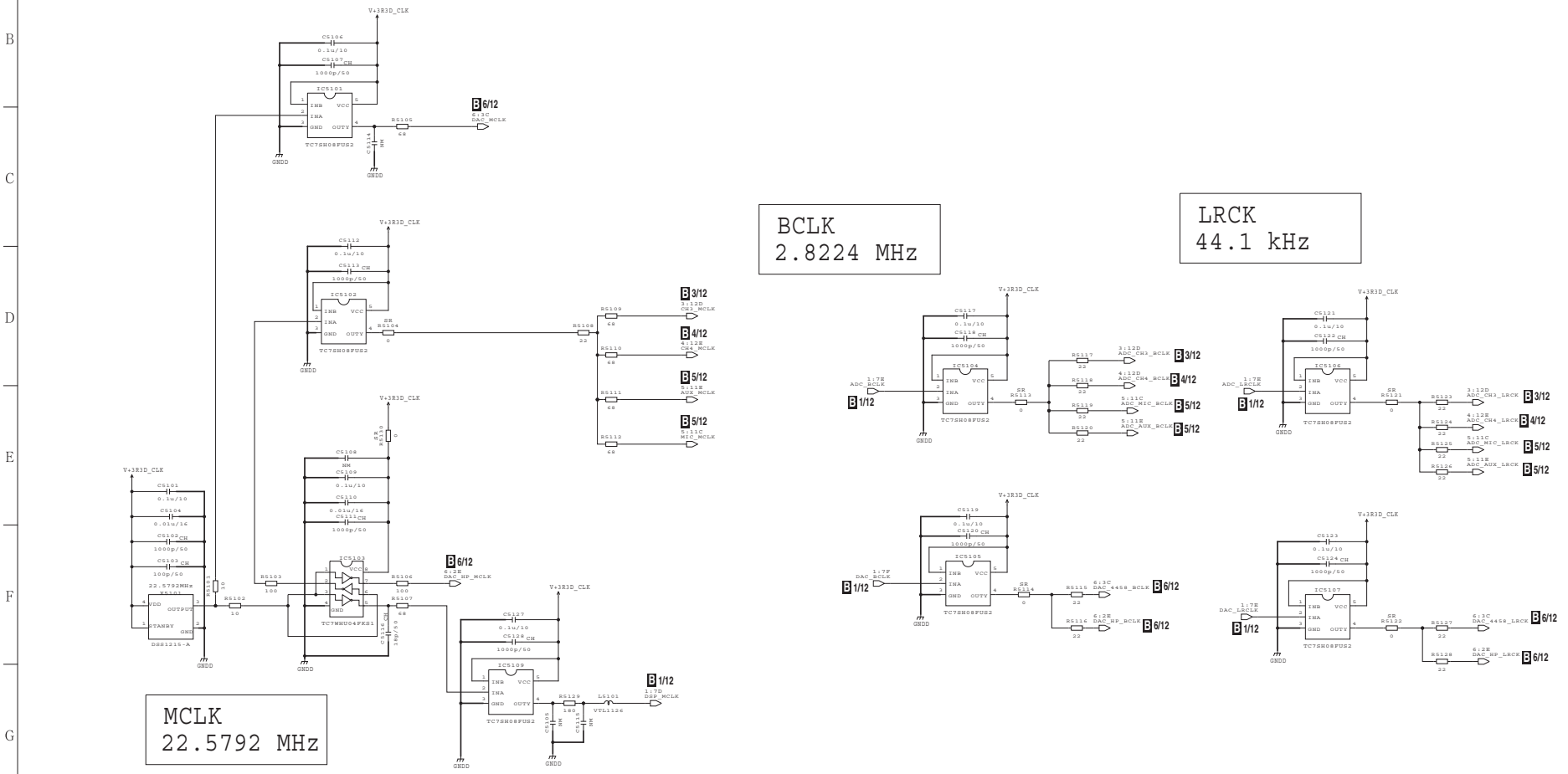
AUDIO	DWX4298
PCB	DNP2964

B 1/12

B 1/12

XDJ-XZ

B 2/12 AUDIO ASSY (DWX4298)



NOTES

NM means STANDBY

RS1/16SS***J

RS1/10SR***J

CKSSYB***K

CCSSCH***J

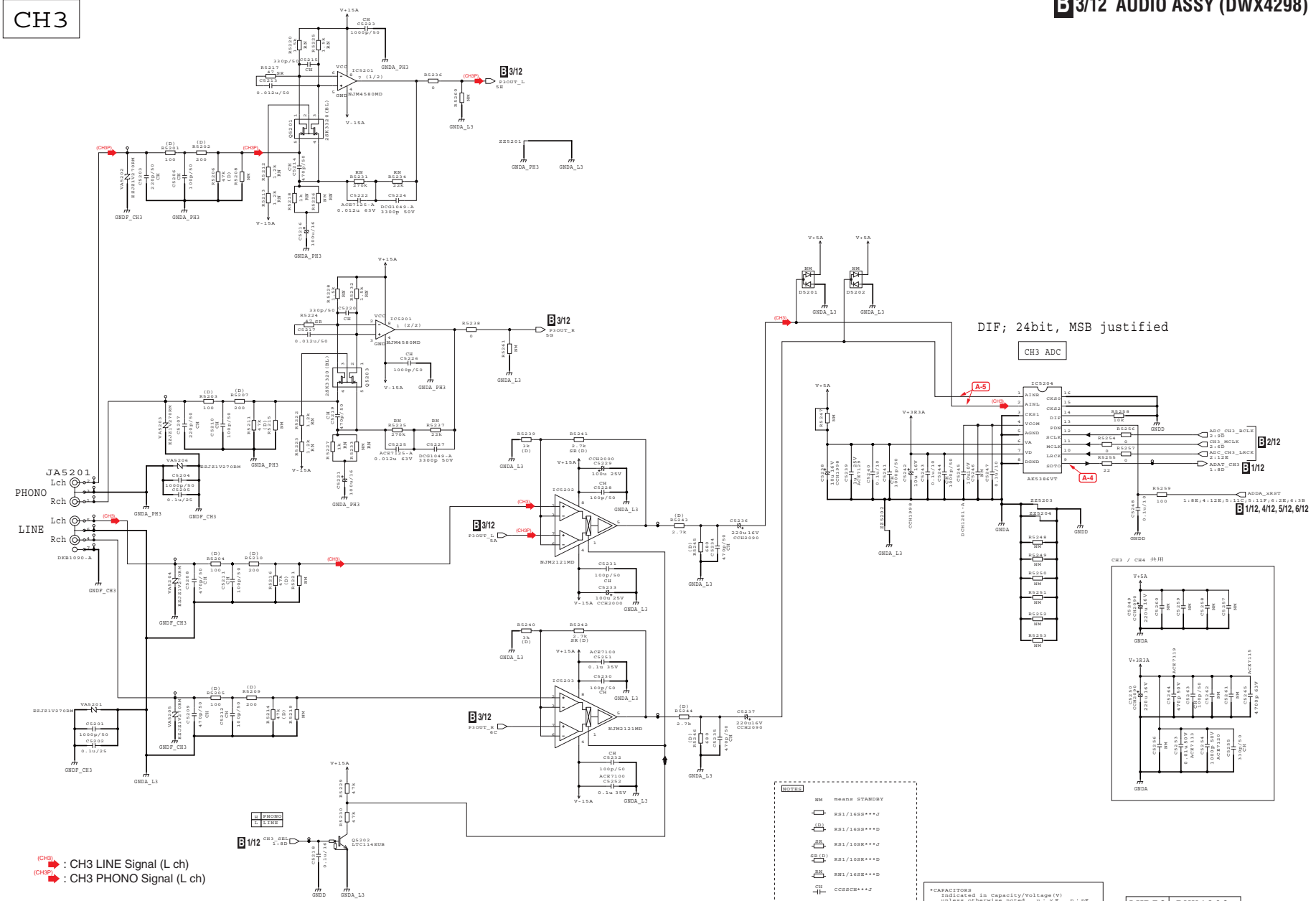
*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

AUDIO	DWX4298
PCB	DNP2964

B 2/12

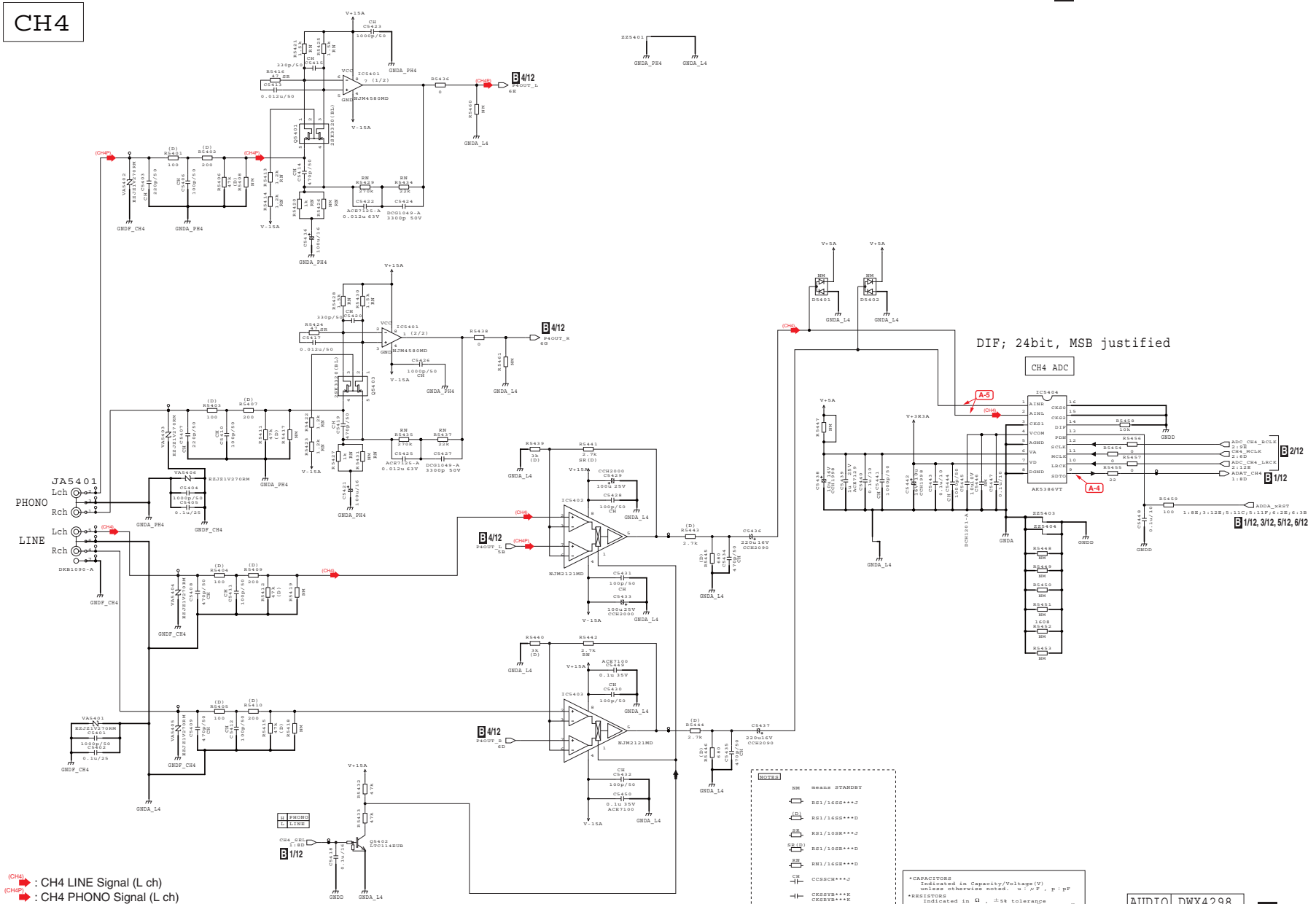
CH3

B 3/12 AUDIO ASSY (DWX4298)



AUDIO	DWX4298
PCB	DNP2964

CH4



AUDIO	DWX4298
PCB	DNP2964

MIC

AUX

From/To MCIN
CN7602

C CN7602

CN5601

JA5601

DIF; 24bit, MSB justified

MIC ADC

AUX / MIC 共用

DIF; 24bit, MSB justified

AUX ADC

AK5358AET

NOTES
NM means STANDBY
(D) RS1/16SS***J
RS RS1/10SR***J
SR(D) RS1/10SR***D
RM RN1/16SE***D
CH CCSSCH***J
CKSSYB***K
CKSRYB***K
CBYW***

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

(AUX) : AUX Signal (L ch)
(MIC1) : MIC1 Signal
(MIC2) : MIC2 Signal

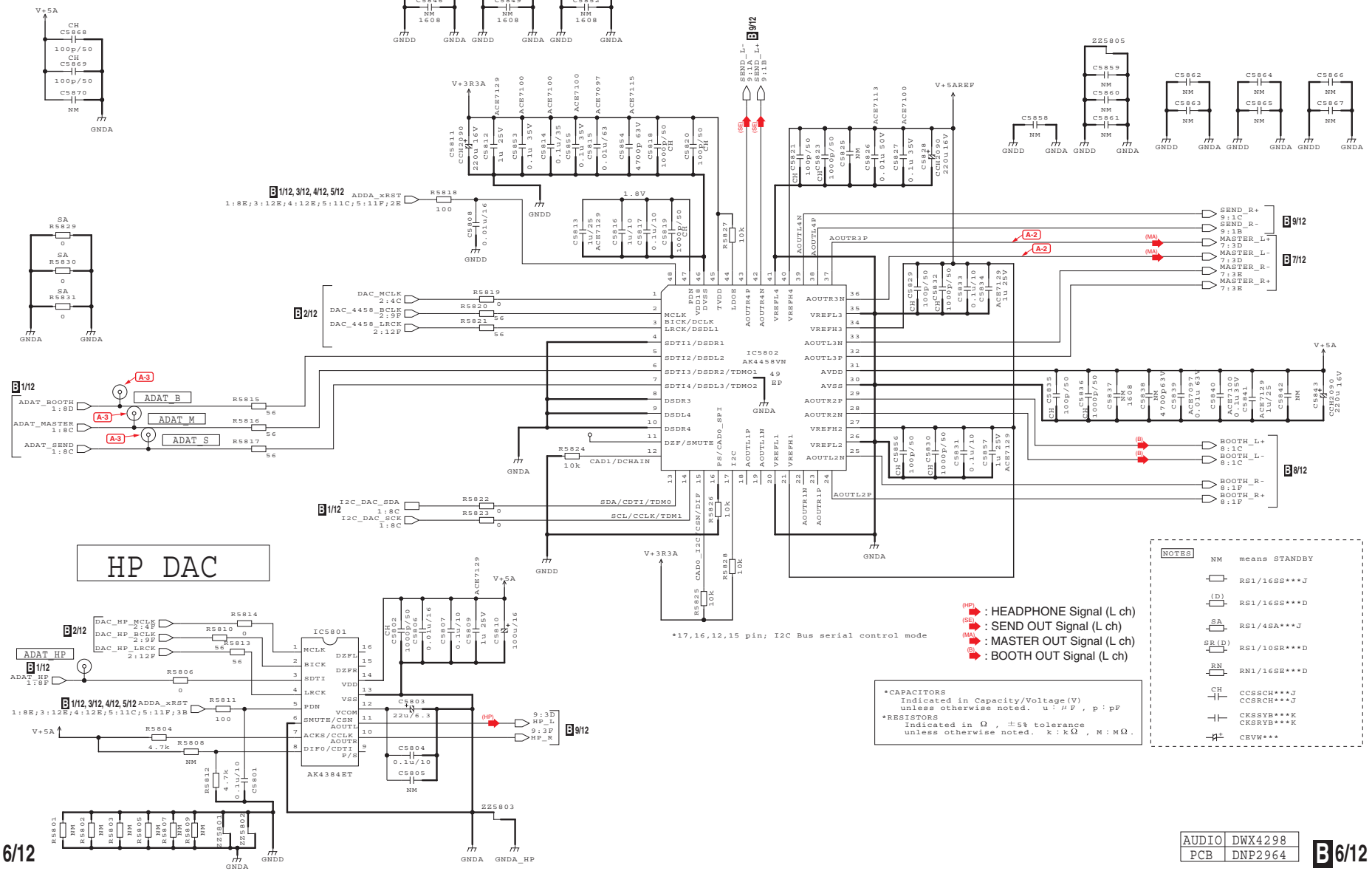
AUDIO	DWX4298
PCB	DNP2964

B 5/12

B 5/12

Multi-DAC

HP DAC



AUDIO	DWX4298
PCB	DNP2964

MASTER

B 7/12 AUDIO ASSY (DWX4298)

MASTER DAC Post Fillter
MASTER1 : -17.234 dB
MASTER2 : 11.07 dB

■MASTER ATT■
0 dB: -0.828 dB
-6dB: -6.59 dB (-0.828-5.76 dB)
-12dB:-12.53 dB (-0.828-11.7 dB)

BLANCE AMP:+0.891 dB

MASTER2 AMP:+3.94 dB

JA6002
MASTER1 L

JA6003
MASTER1 R

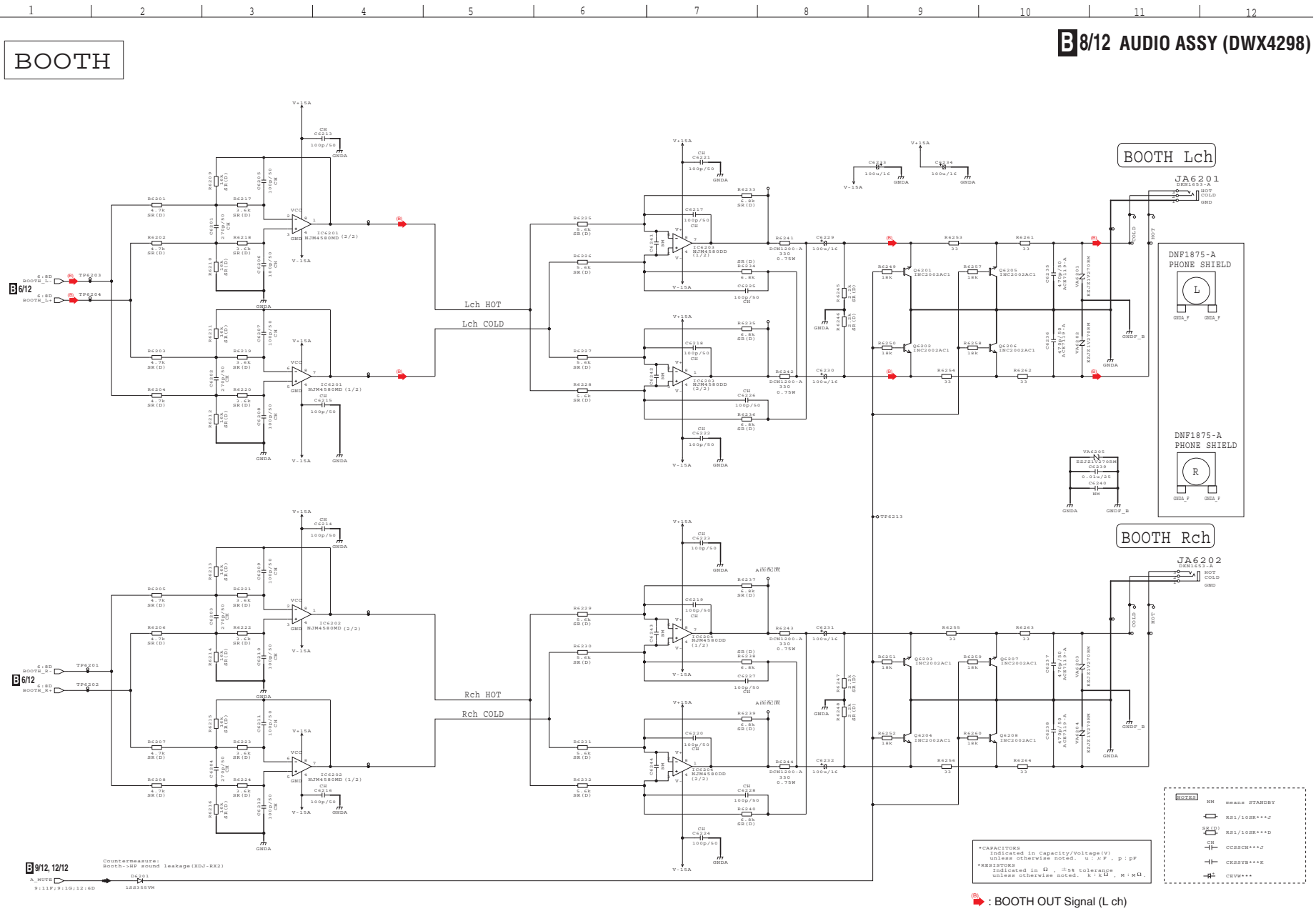
JA6001
MASTER2

Canon Shield(DNF1789-A)

(MA) : MASTER OUT Signal (L ch)
(MA1) : MASTER1 OUT Signal (L ch)
(MA2) : MASTER2 OUT Signal (L ch)

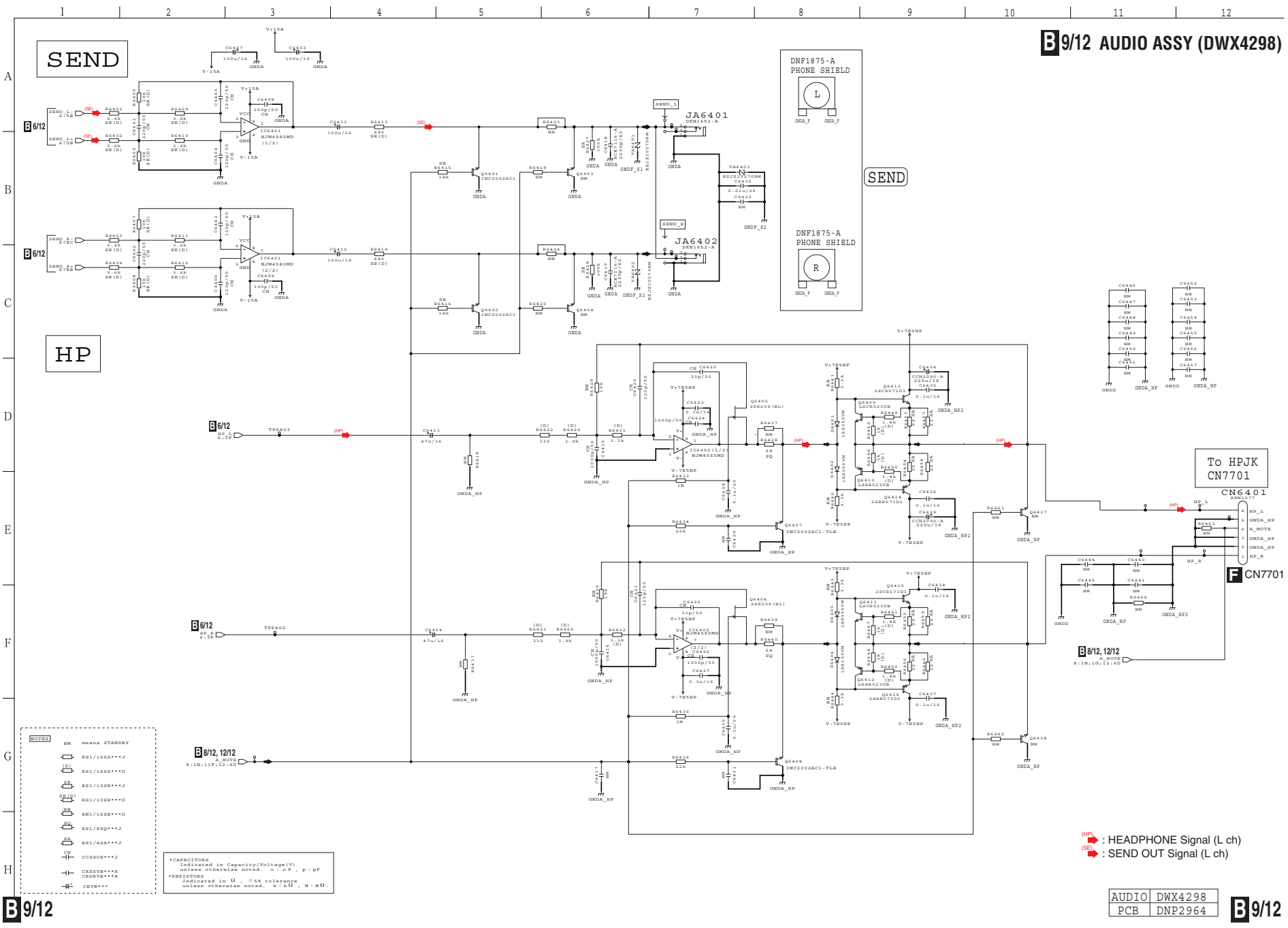
AUDIO	DWX4298
PCB	DNP2964

B 7/12



AUDIO	DWX4298
PCB	DNP2964

B 9/12 AUDIO ASSY (DWX4298)

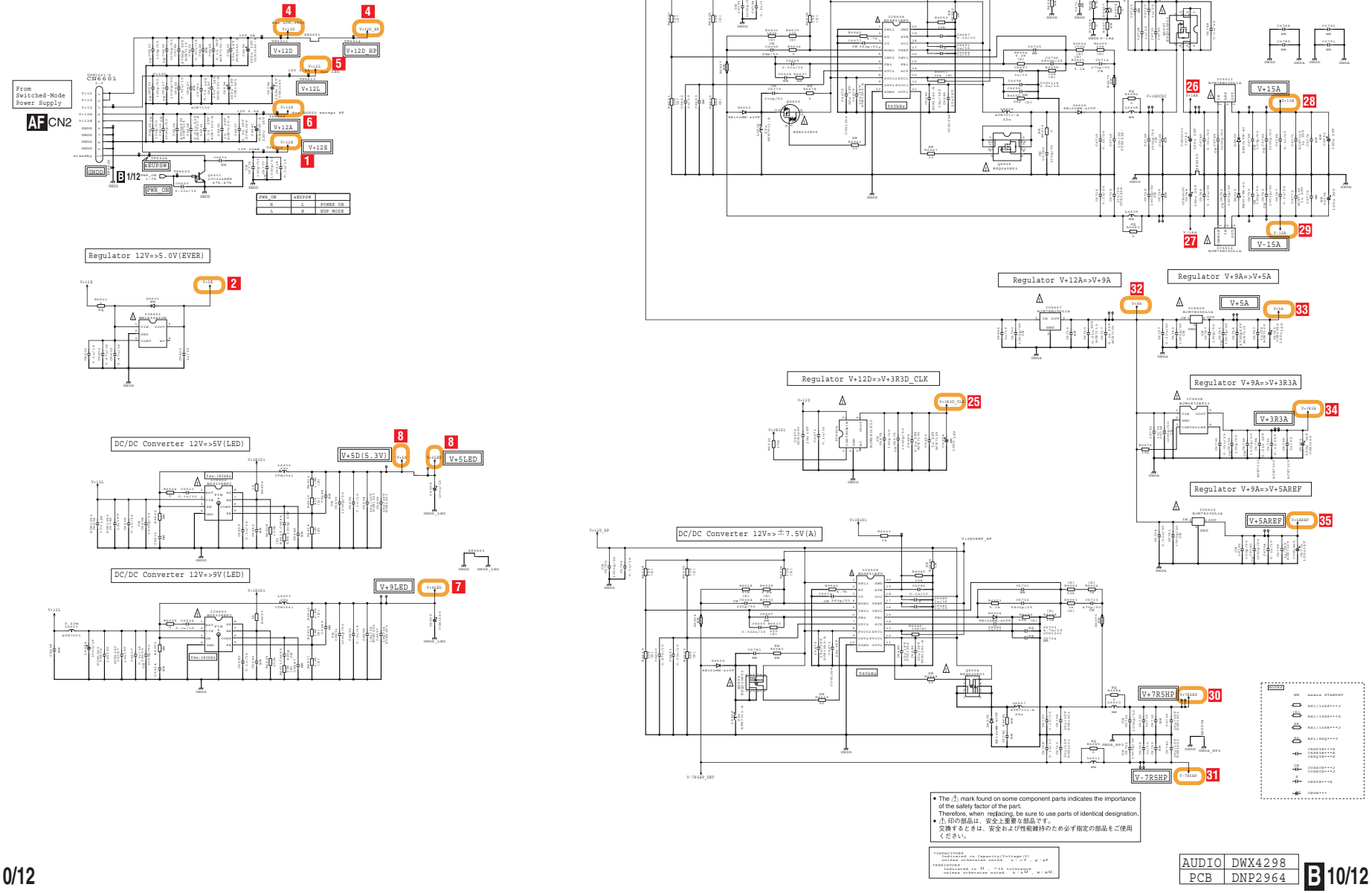


AUDIO	DWX4298
PCB	DNP2964

B 9/12

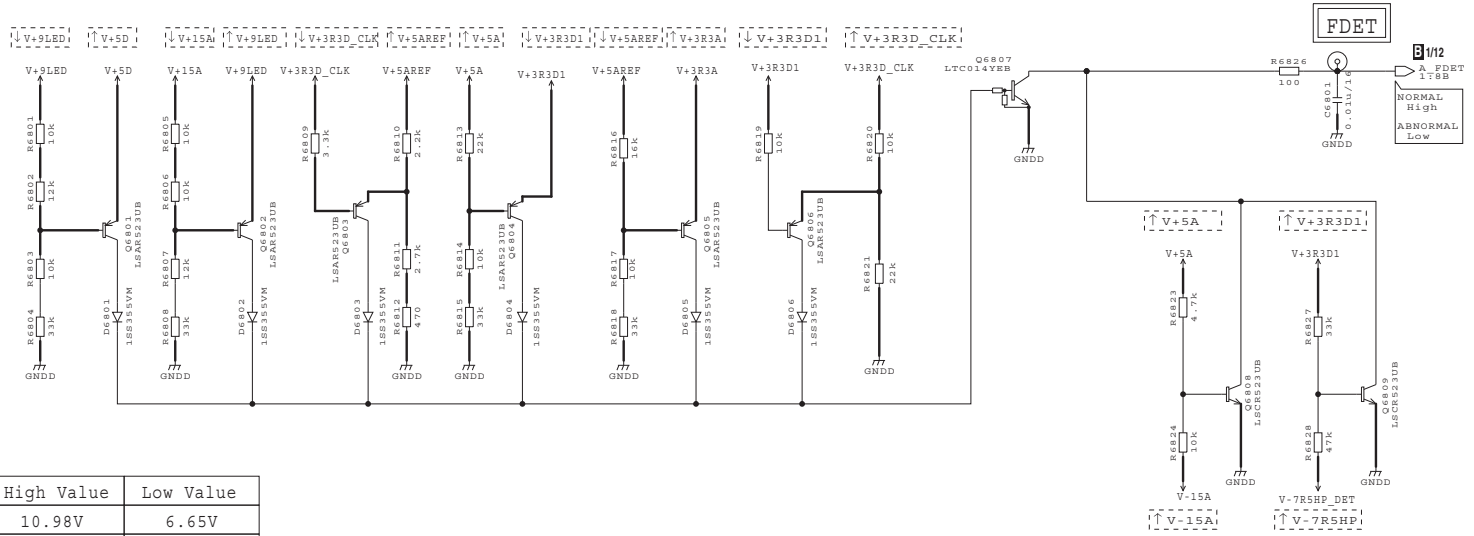
POWER

B 10/12 AUDIO ASSY (DWX4298)



- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- ⚠ 印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

VOLTAGE DETECTION CIRCUIT



FAULT DET	High Value	Low Value
V+9LED	10.98V	6.65V
V+5D	6.55V	-
V+15A	-	12.13V
V+3R3D_CLK	5.67V	2.35V
V+5AREF	7.76V	3.70V
V+5A	7.93V	4.08V
V+3R3D1	3.91V	1.67V
V+3R3A	4.24V	-
V-15A	-8.76V	-
V-7R5HP	-3.25V	-

NOTES

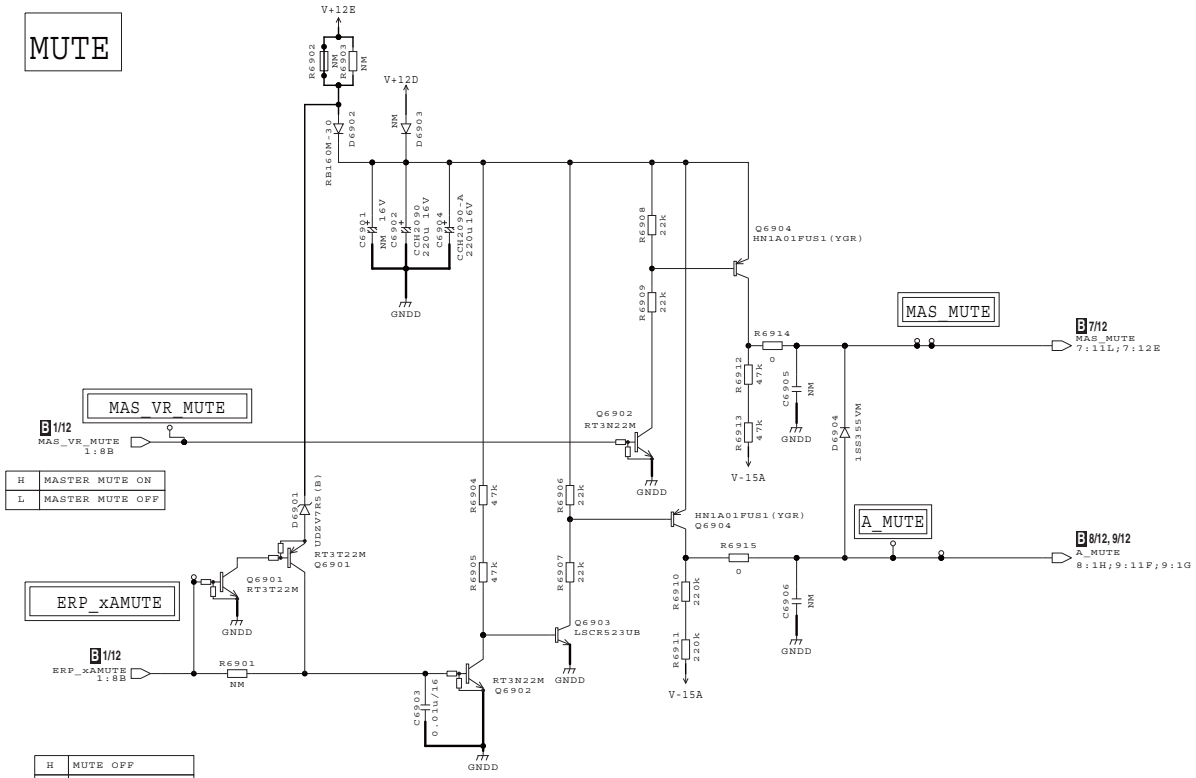
NM means STANDBY

RS1/16SS***J

CKSSYB***K

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

AUDIO	DWX4298
PCB	DNP2964

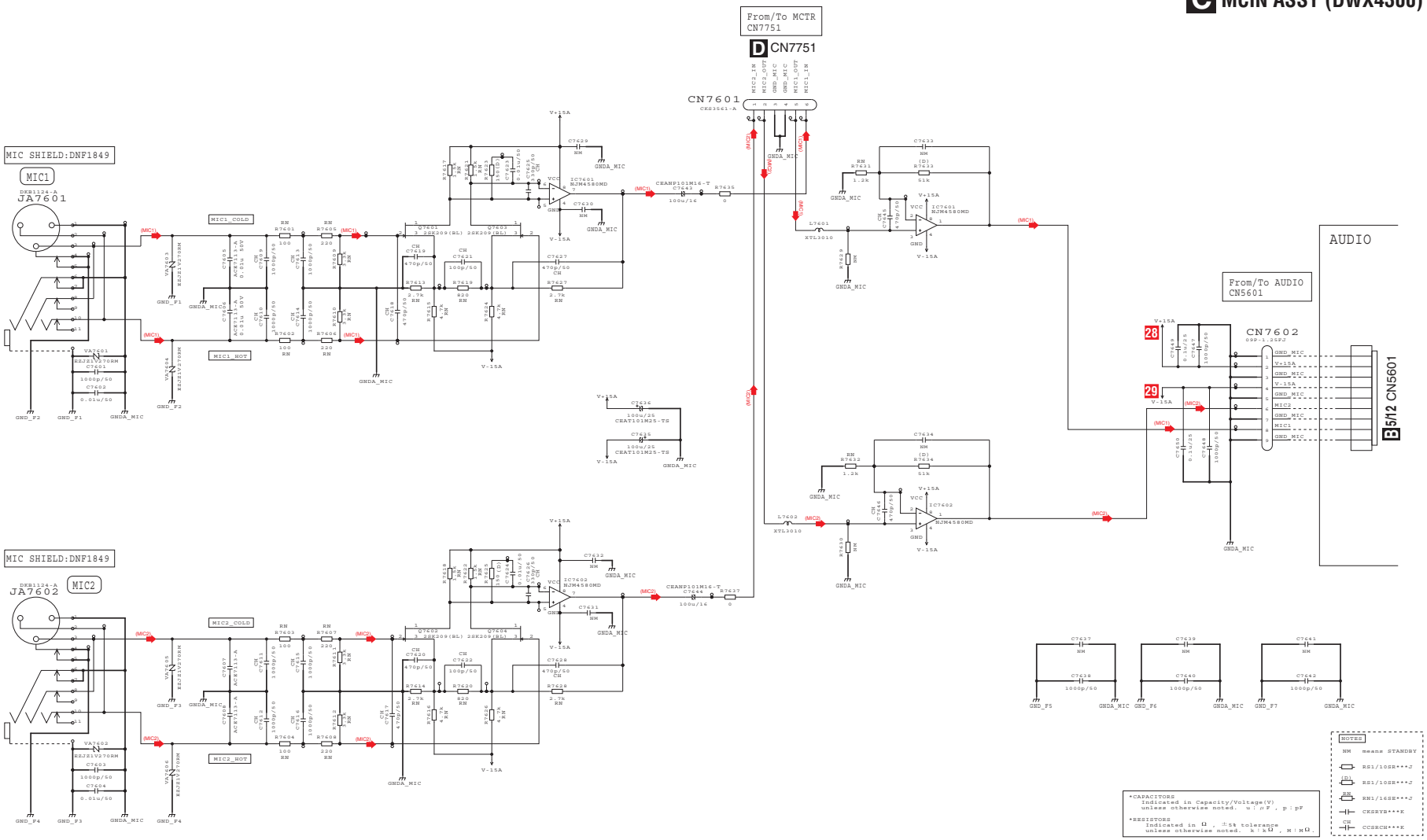


NOTES
NM means STANDBY
RS1/16SS***J
CKSSYB***K

*CAPACITORS
Indicated in Capacity/Voltage(V) unless otherwise noted. u : μF , p : pF
*RESISTORS
Indicated in Ω , ±5% tolerance unless otherwise noted. k : kΩ , M : MΩ.

AUDIO	DWX4298
PCB	DNP2964

C MCIN ASSY (DWX4300)



(MIC1) : MIC1 Signal

(MIC2) : MIC2 Signal

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ .

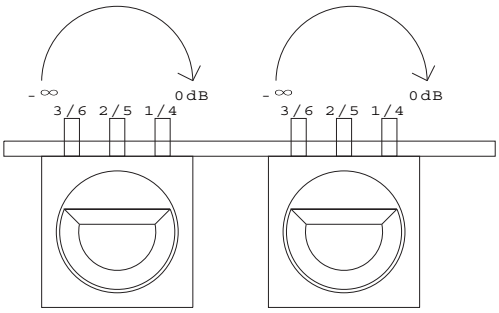
NOTES
NM means STANDBY
RS1/10SE***J
(D) RS1/10SE***J
RN RN1/16SE***J
CKSRYB***K
CH CCSRCH***K

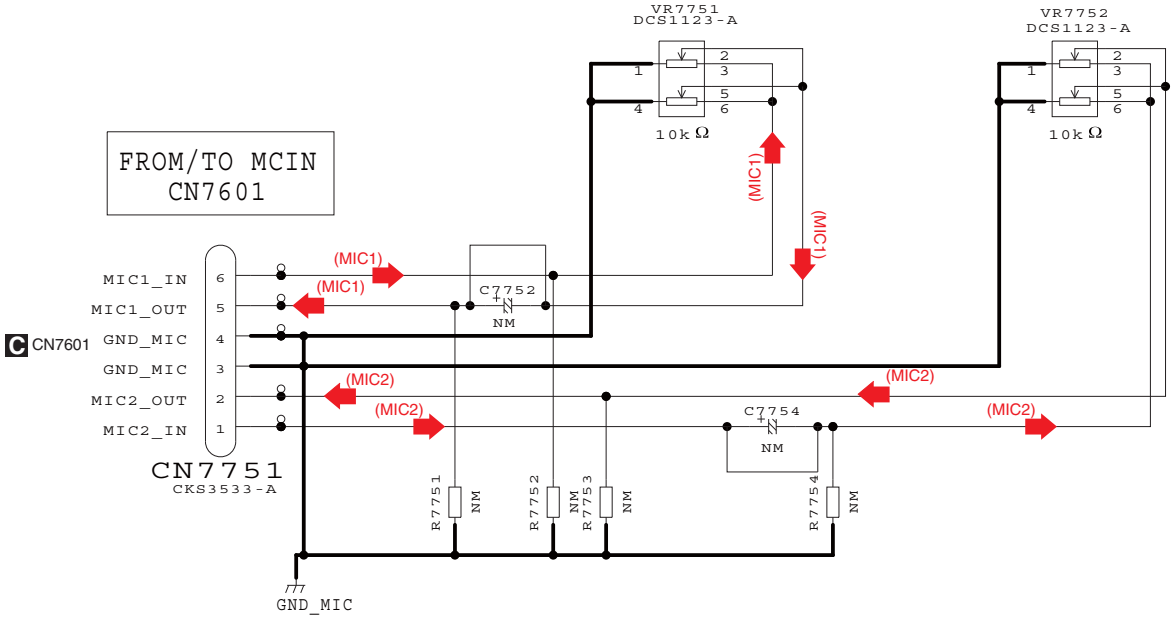
SUBA	DWM2724 /J
MCIN	DWX4300 /J
PCB	DNP2966

C

10.31 MCTR ASSY

D MCTR ASSY (DWX4302)





(MIC1) : MIC1 Signal
(MIC2) : MIC2 Signal

NOTES
NM means STANDBY
RS1/10SR***J

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

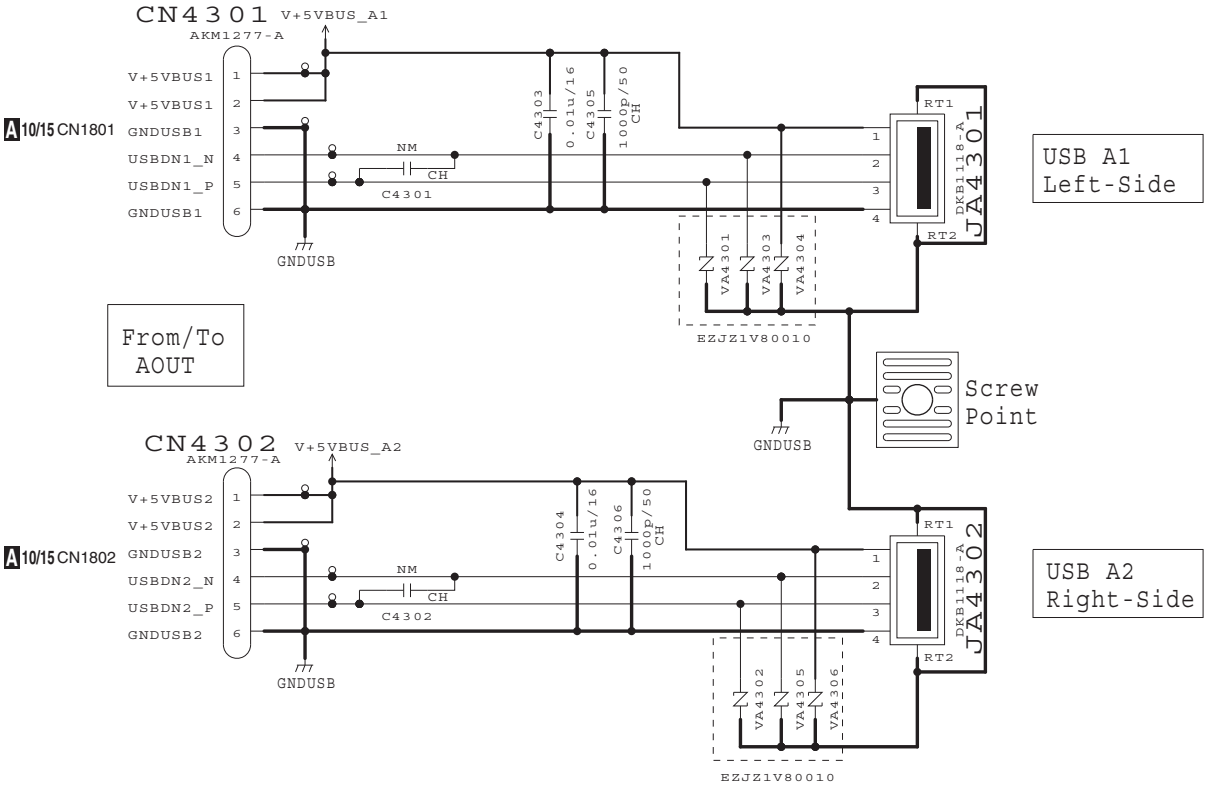
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ .

SUBA	DWM2724 /J
MCTR	DWX4302 /J
PCB	DNP2966

10.32 USBA ASSY

USBA

E USBA ASSY (DWX4294)



*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTES

NM is No Mount

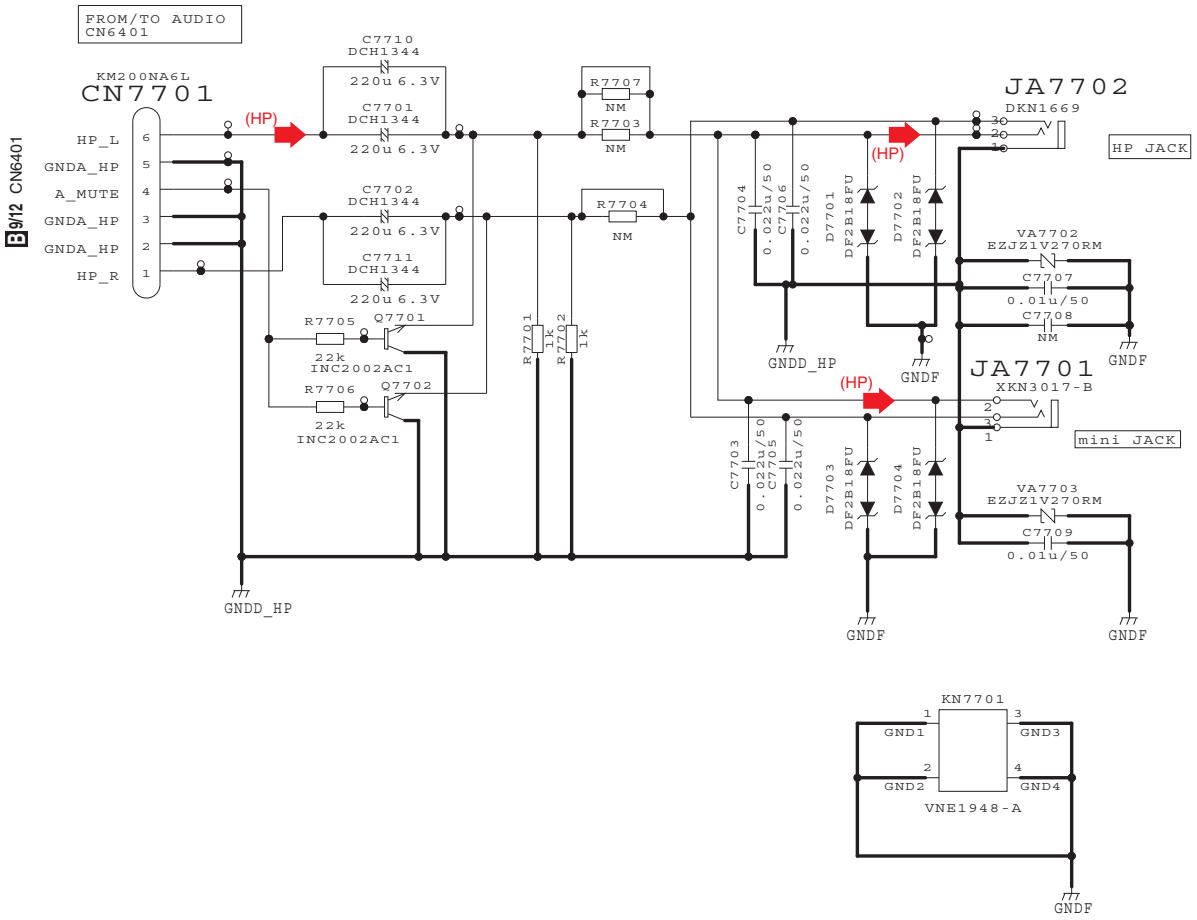
⊣⊢ CKSSYB***K

⊣⊢ CH CCSSCH***J

PADA	DWM2719 /J
USBA	DWX4294 /J
PCB	DNP2962

10.33 HPJK ASSY

F HPJK ASSY (DWX4301)



(HP) : HEADPHONE Signal (L ch)

SUBA	DWM2724 /J
HPJK	DWX4301 /J
PCB	DNP2966

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

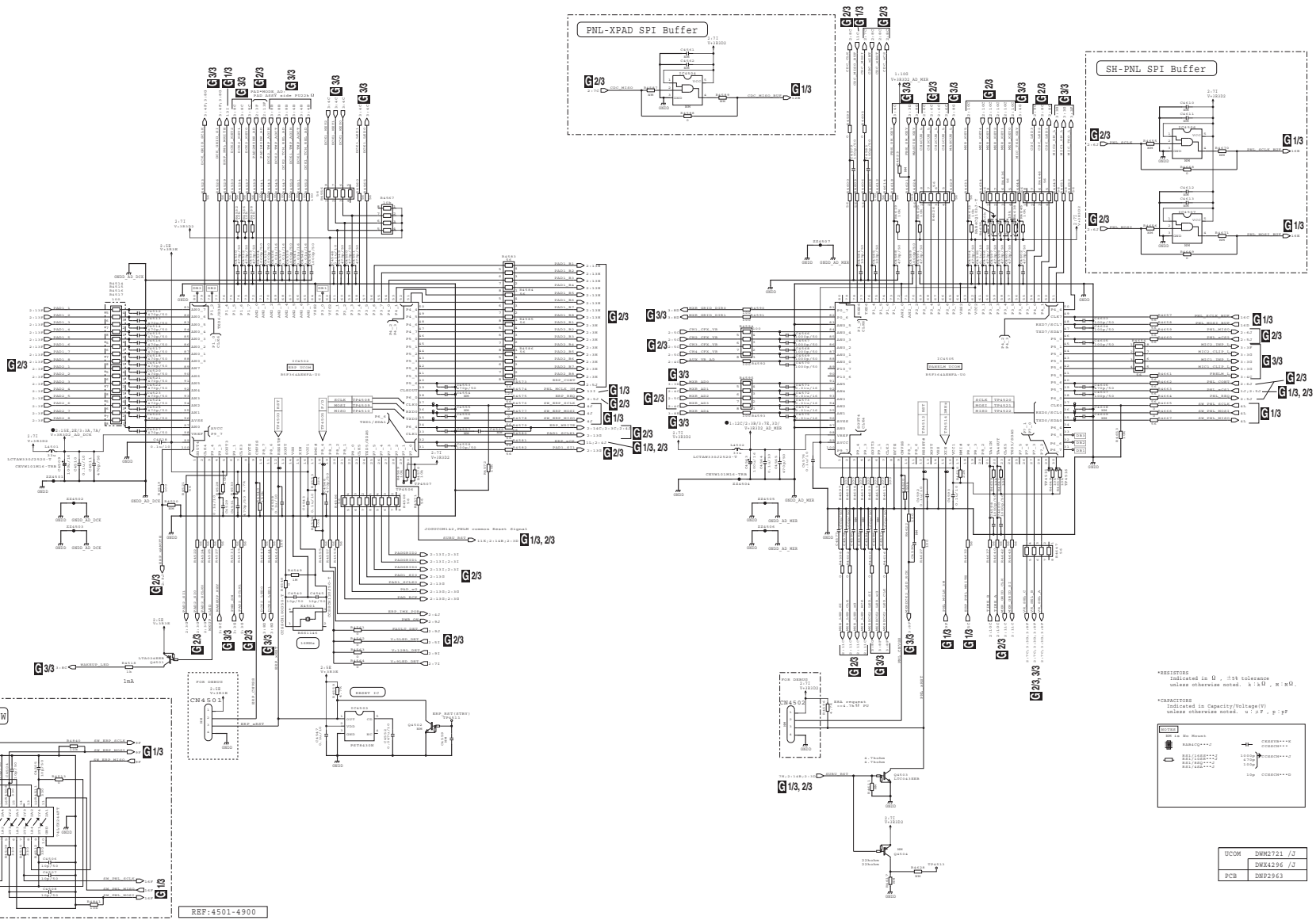
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

NOTES
NM means STANDBY
RS1/10SR***J
CKSRYB***K

10.34 UCOM ASSY (1/3)

UCOM(ERP_UCOM,PNLM_UCOM)

G 1/3 UCOM ASSY (DWX4296)

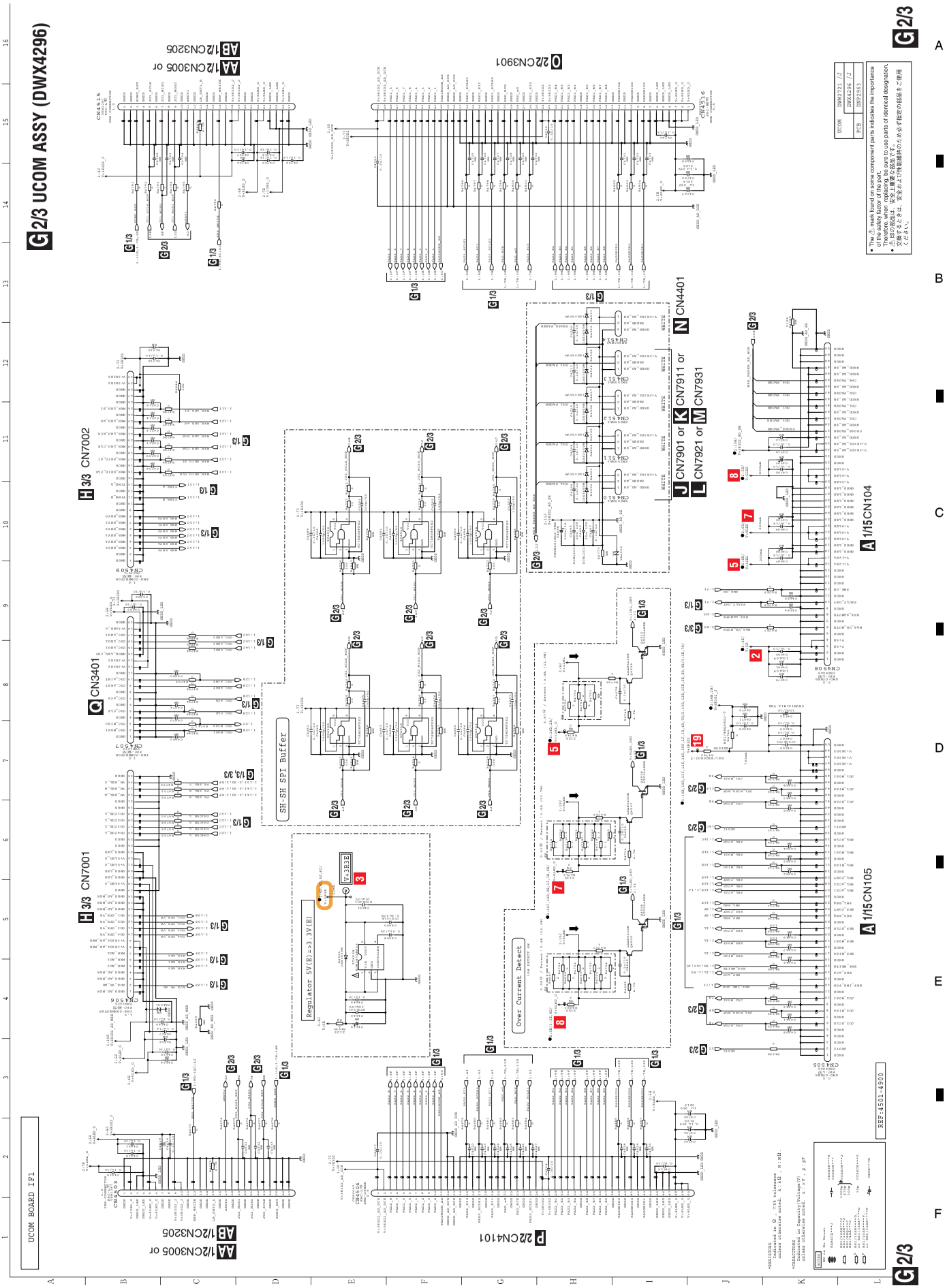


UCOM	DWM2721 /J
	DWX4296 /J
PCB	DNP2963

G 1/3

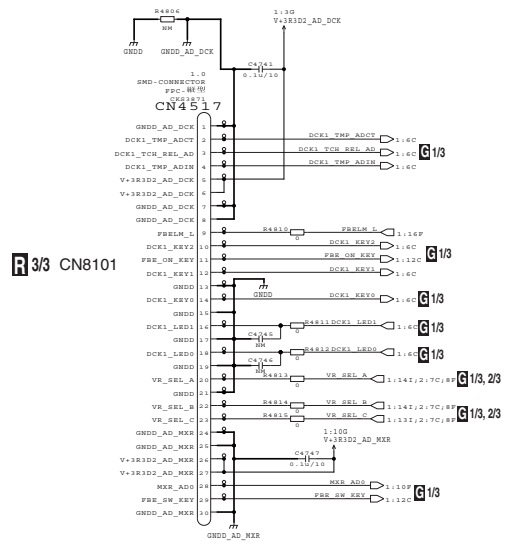
G 1/3

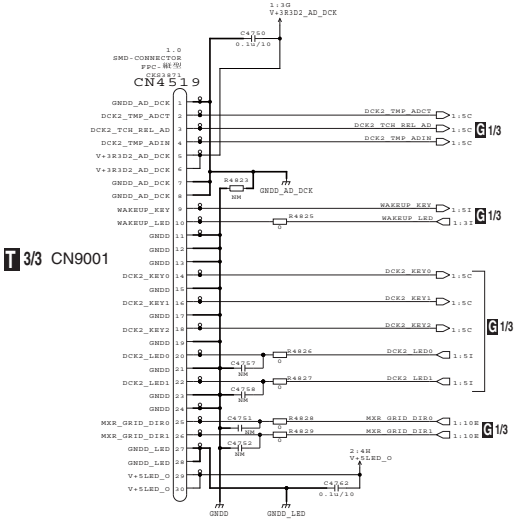
10.35 UCOM ASSY (2/3)

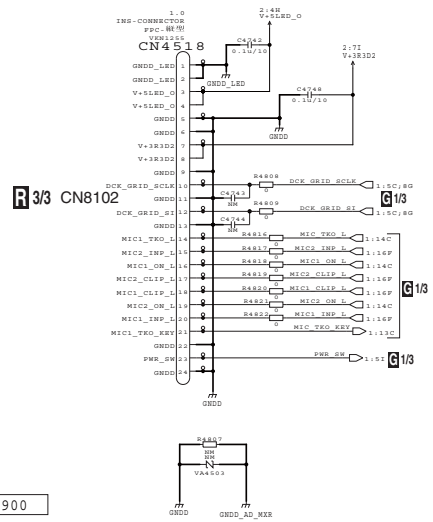


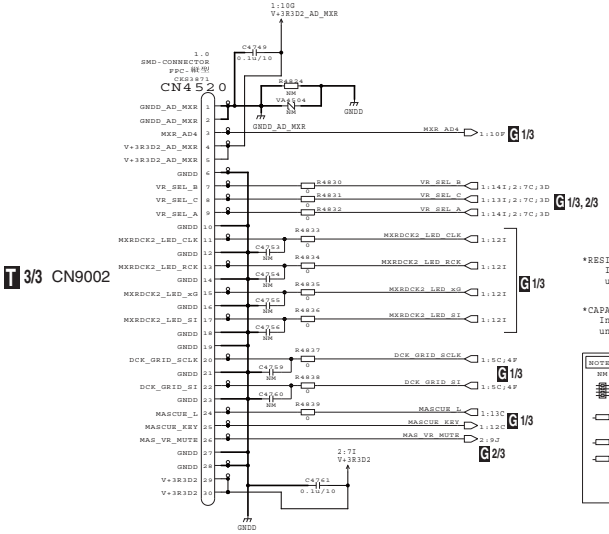
UCOM BOARD IF2

G 3/3 UCOM ASSY (DWX4296)









*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTES
NM is No Mount
RAR4CQ***J
RS1/16SS***J
RS1/10SR***J
RS1/8SQ***J
RS1/4SA***J
RS1/10SR****D, or RS1/16SS****D
RS1/10SR****F, or RS1/16SS****F
CKSSYB***K
CCSSCH***
1000p CCSSCH***J
470p
100p
10p CCSSCH***D
CEVW***M

UCOM	DWM2721 /J
	DWX4296 /J
PCB	DNP2963

REF:4501-4900

G 3/3

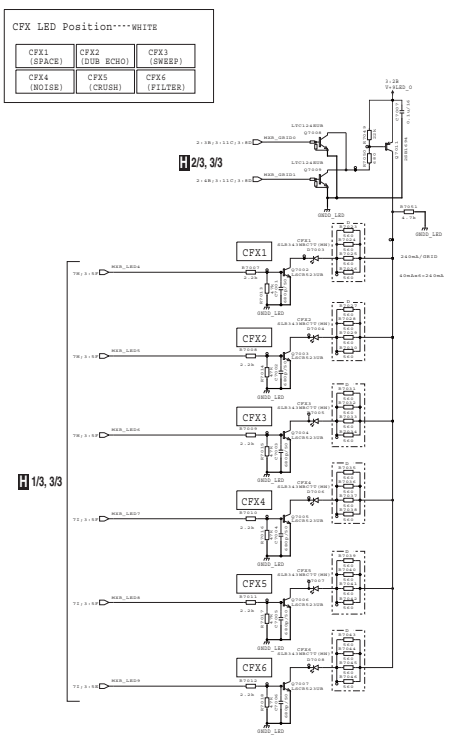
10.37 MIXER ASSY (1/3)

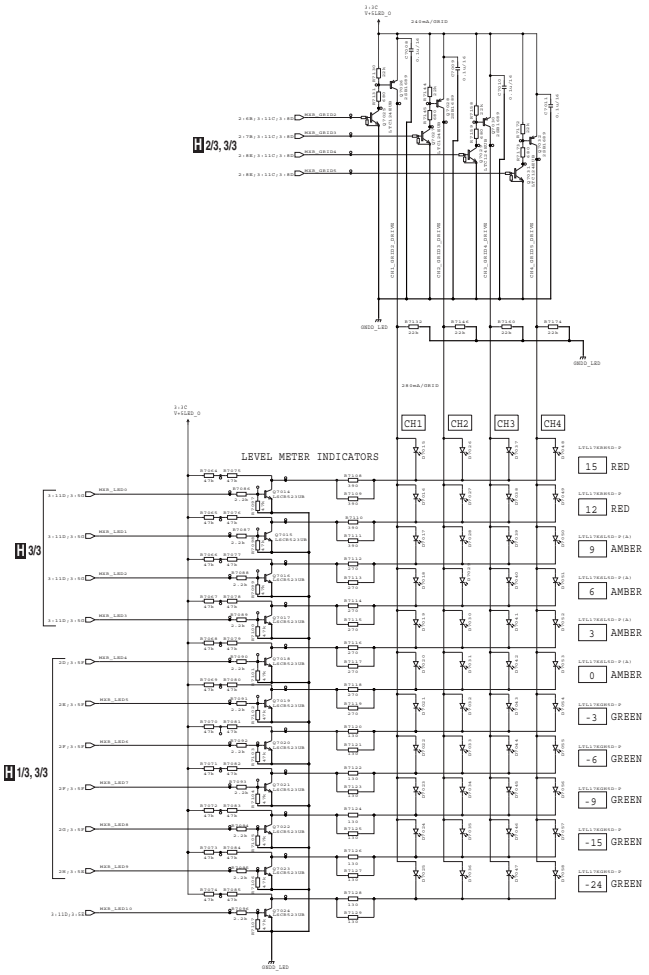
H 1/3 MIXER ASSY (DWX4299)

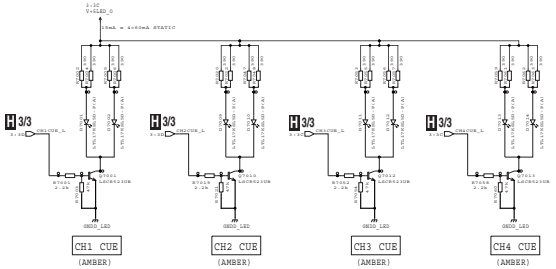
MIXER LED

CFX LED Position····WHITE

CFX1 (SPACE)	CFX2 (DUB ECHO)	CFX3 (SWEEP)
CFX4 (NOISE)	CFX5 (CRUSH)	CFX6 (FILTER)







REF:7001-7500

*RESISTORS
Indicated in Ω , ±5% tolerance unless otherwise noted. k : kΩ , M : MΩ.

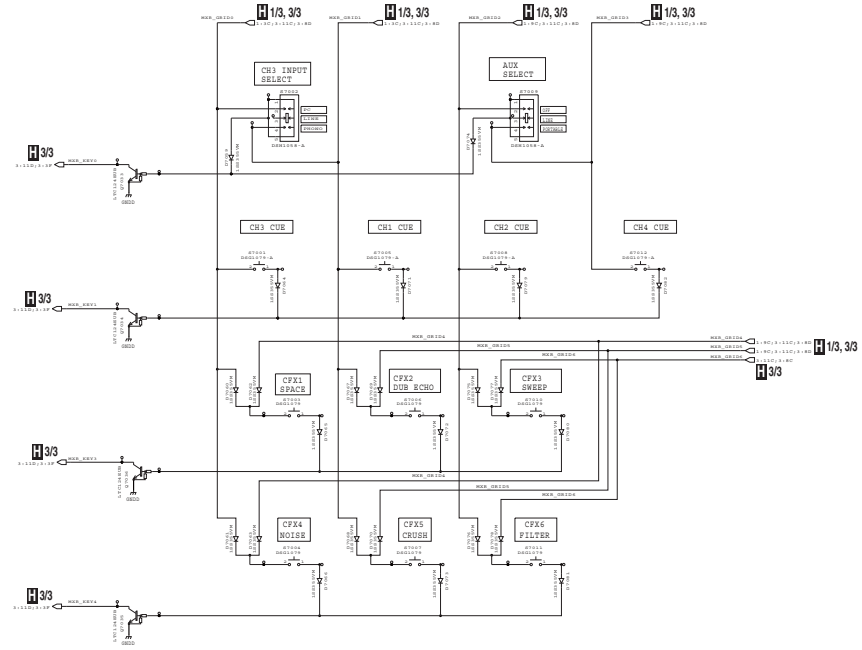
*CAPACITORS
Indicated in Capacity/Voltage(V) unless otherwise noted. u : μF , p : pF

NOTES

MIXER	DWX4299 /J
PCB	DNP2965

10.38 MIXER ASSY (2/3)

MIXER KEY/VR

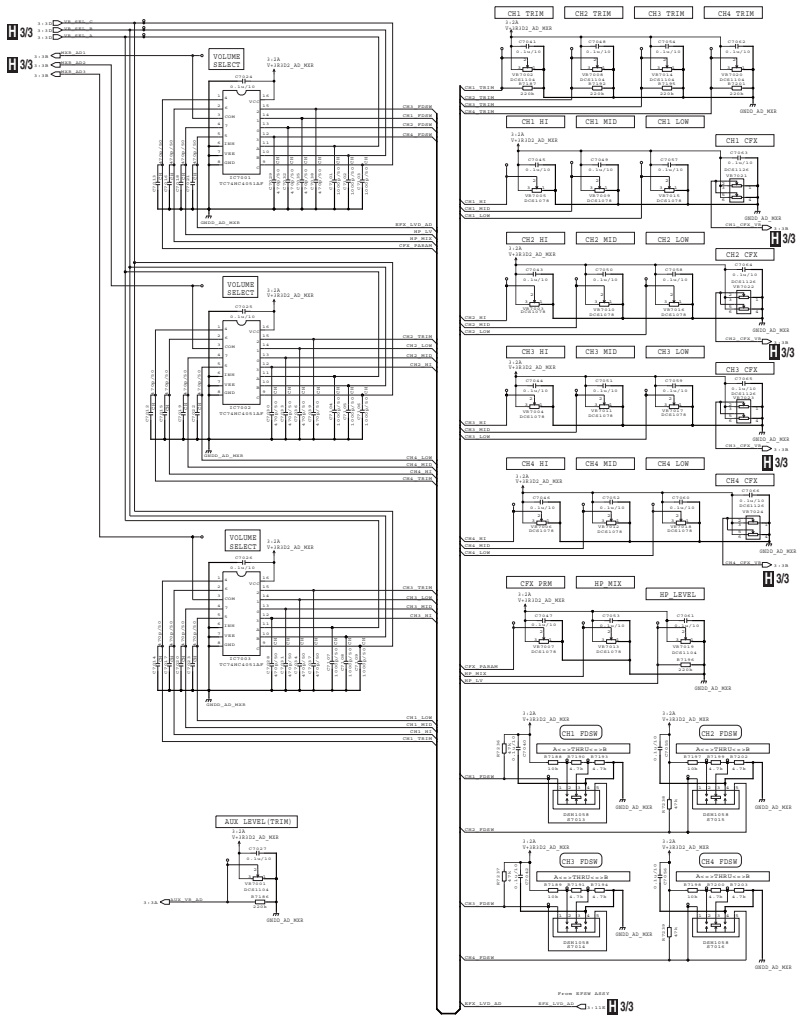


CFX KEY Position

CFX1 (SPACE)	CFX2 (DUB ECHO)	CFX3 (SWEEP)
CFX4 (NOISE)	CFX5 (CRUSH)	CFX6 (FILTER)

REF:7001-7500

2/3 MIXER ASSY (DWX4299)



*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ

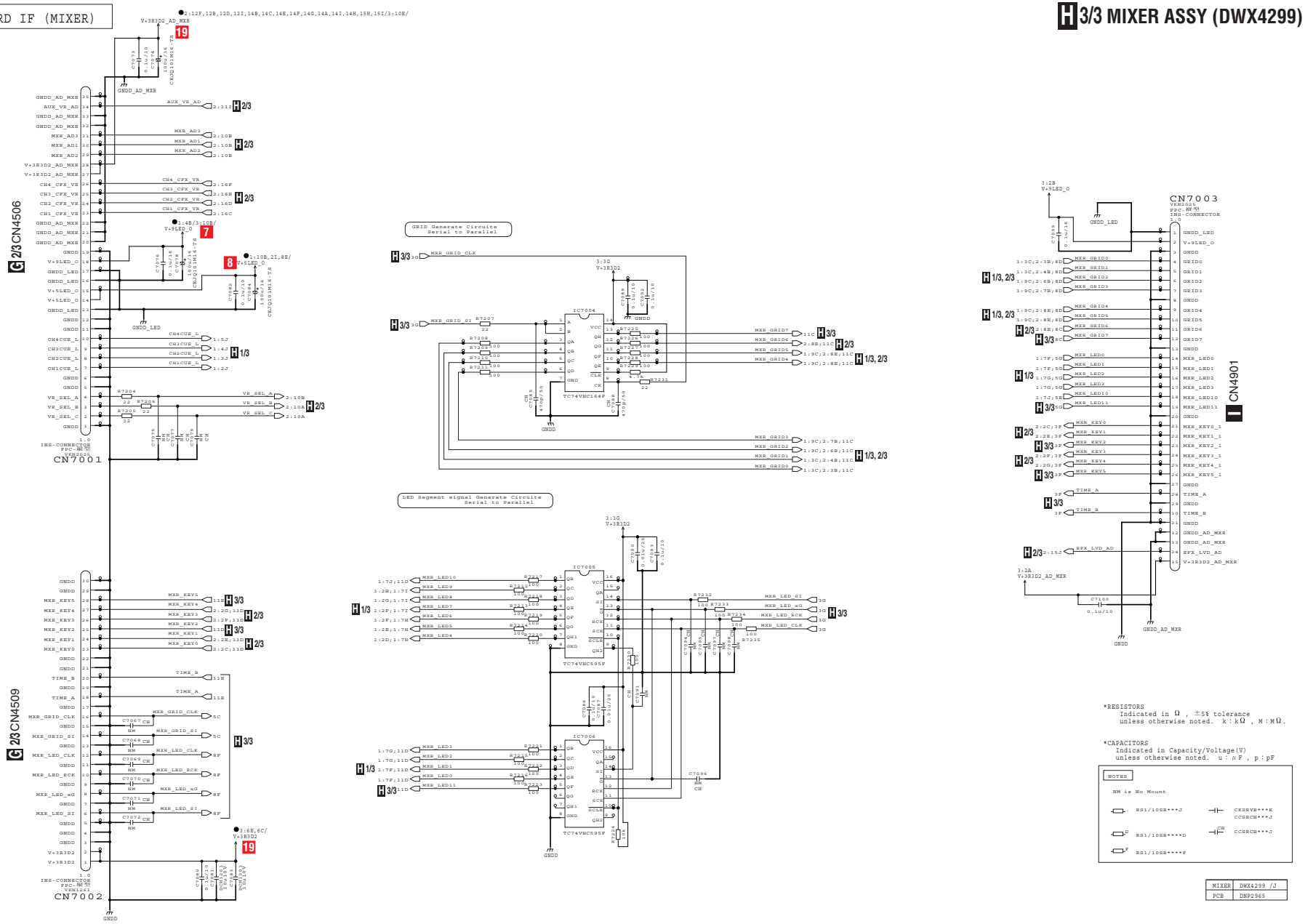
*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTES:
DO not be Mount

MIXER	DWX4299 /J
PCB	DNP2965

H 3/3 MIXER ASSY (DWX4299)

BOARD IF (MIXER)



MIXER	DWX4299 /J
PCB	DNP2965

REF:7001-7500

EFSW

10.40 EFSW ASSY

EFSW ASSY (DWX4297)

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTE:
DX is Do Mount
RES/1025***J
CKSSYB***K

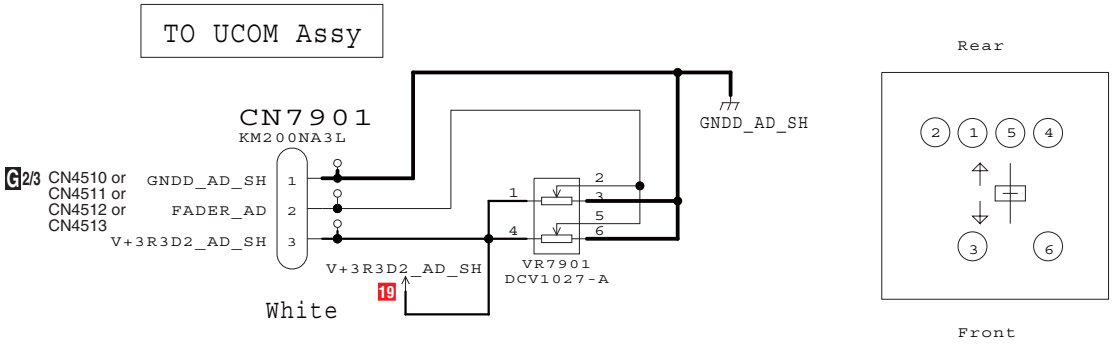
REF:4901-5000

UCOM	DWM2721 /J
	DWX4297 /J
PCB	DNP2963

10.41 CHF1 to CHF4 and CRFD ASSYS

J CHF1 ASSY (DWX4303)

CHF1



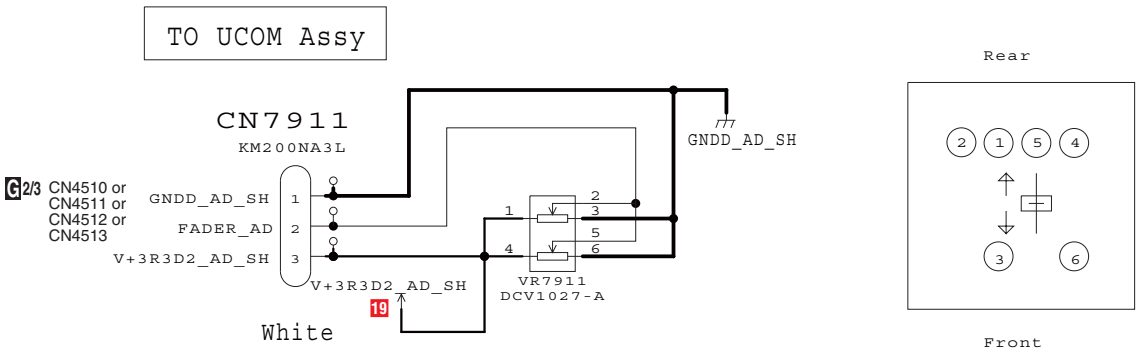
Note:
The 1 to 4 Assys of CHF Assys have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1, 2, 3 or 4 Assy of the respective Assys is assembled in the respective place.

注意：
CHF の 1 から 4 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 から 4 の ASSY を管理していません。
このためそれぞれの場所には 1 から 4 のいずれかの ASSY が配置されています。

SUBA	DWM2724 /J
CHF1	DWX4303 /J
PCB	DNP2966

K CHF2 ASSY (DWX4304)

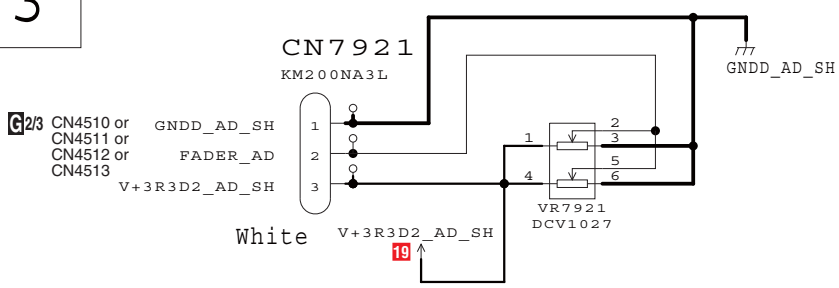
CHF2

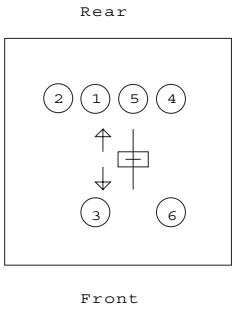


SUBA	DWM2724 /J
CHF2	DWX4304 /J
PCB	DNP2966

L CHF3 ASSY (DWX4305)

CHF3

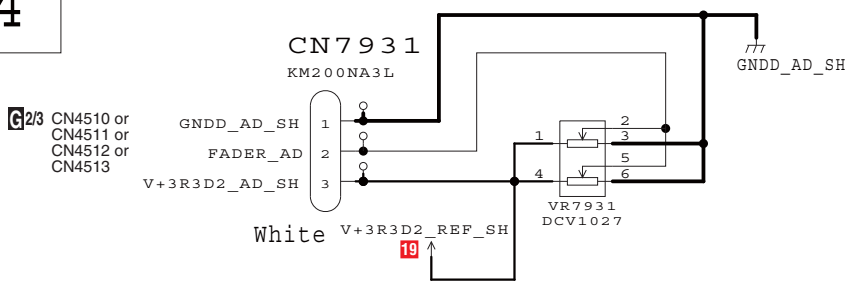


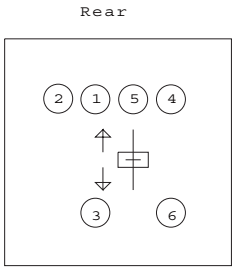


PNL1	DWM2725 /J
CHF3	DWX4305 /J
PCB	DNP2967

M CHF4 ASSY (DWX4306)

CHF4

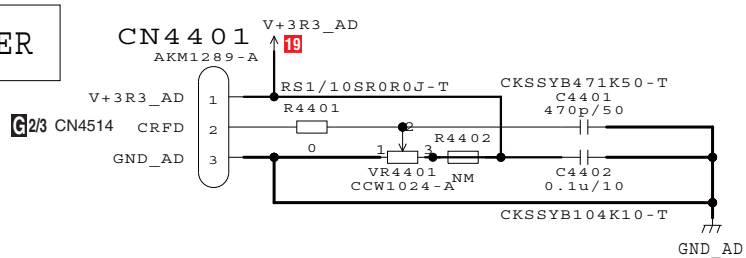


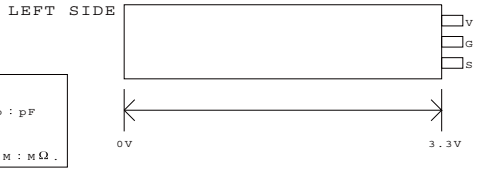


PNL2	DWM2726 /J
CHF4	DWX4306 /J
PCB	DNP2968

N CRFD ASSY (DWX4295)

CROSS FADER



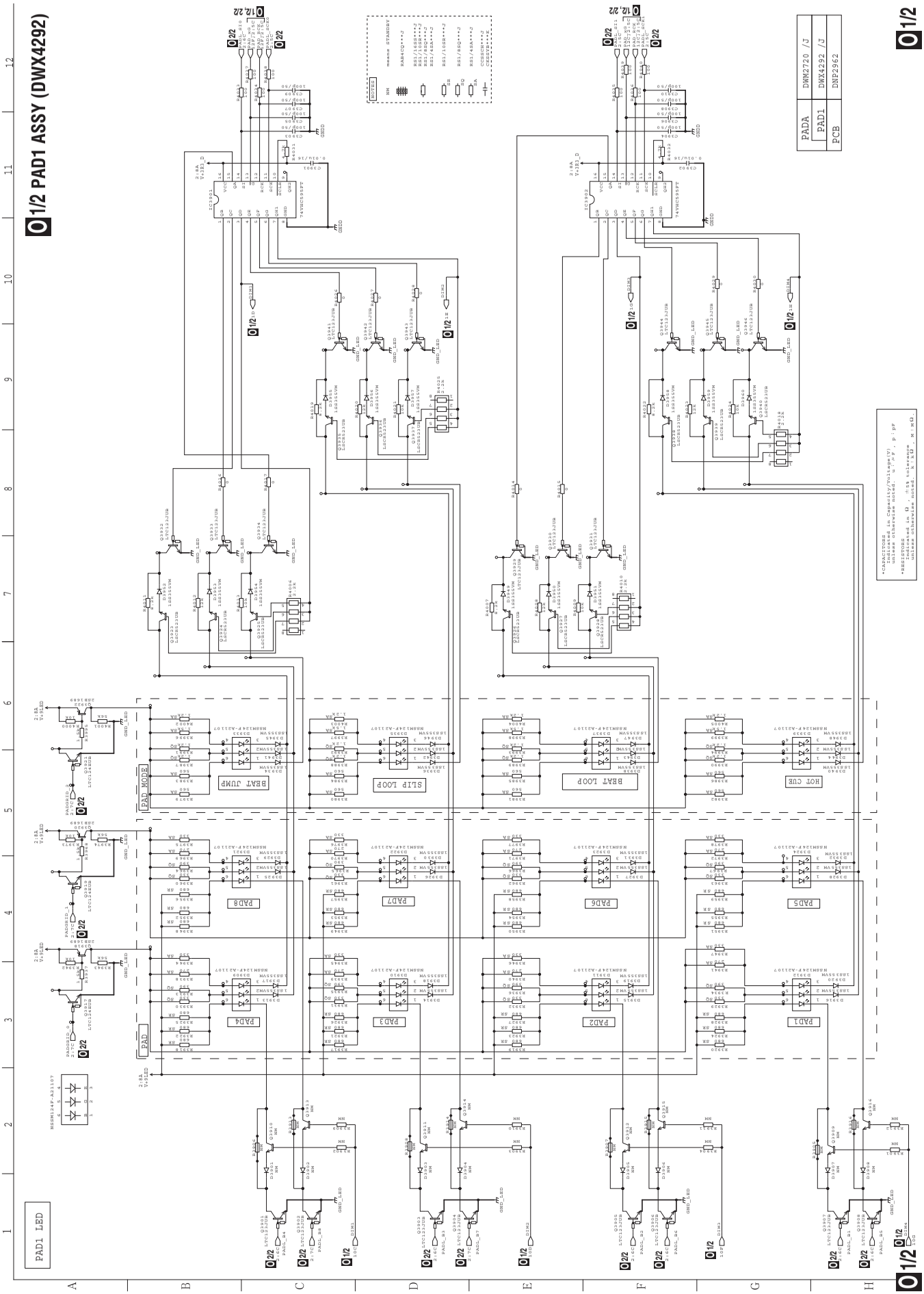


*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

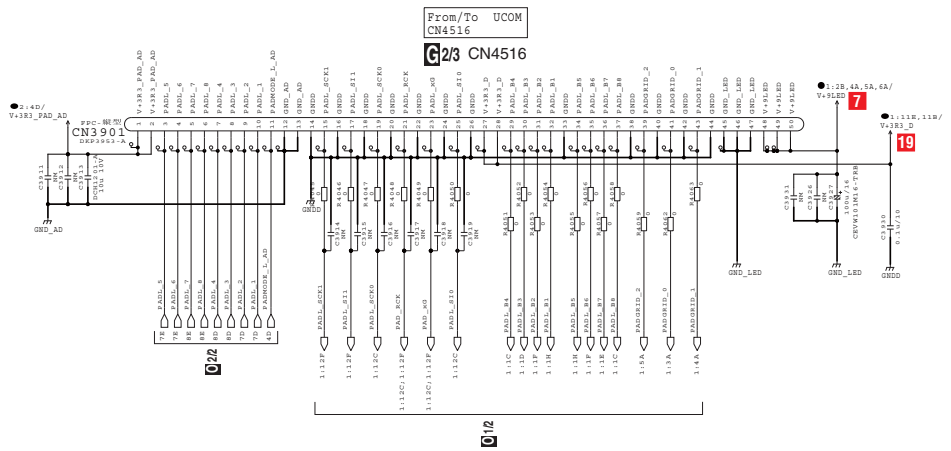
PADA	DWM2719 /J
CRFD	DWX4295 /J
PCB	DNP2962

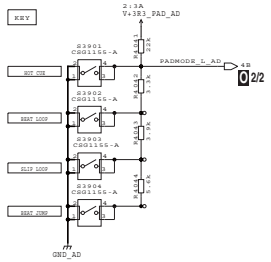
10.42 PAD1 ASSY (1/2)

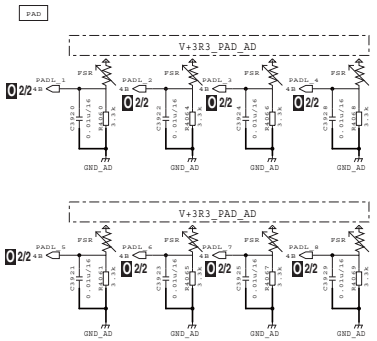


2/2 PAD1 ASSY (DWX4292)

PAD1 KEY







*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

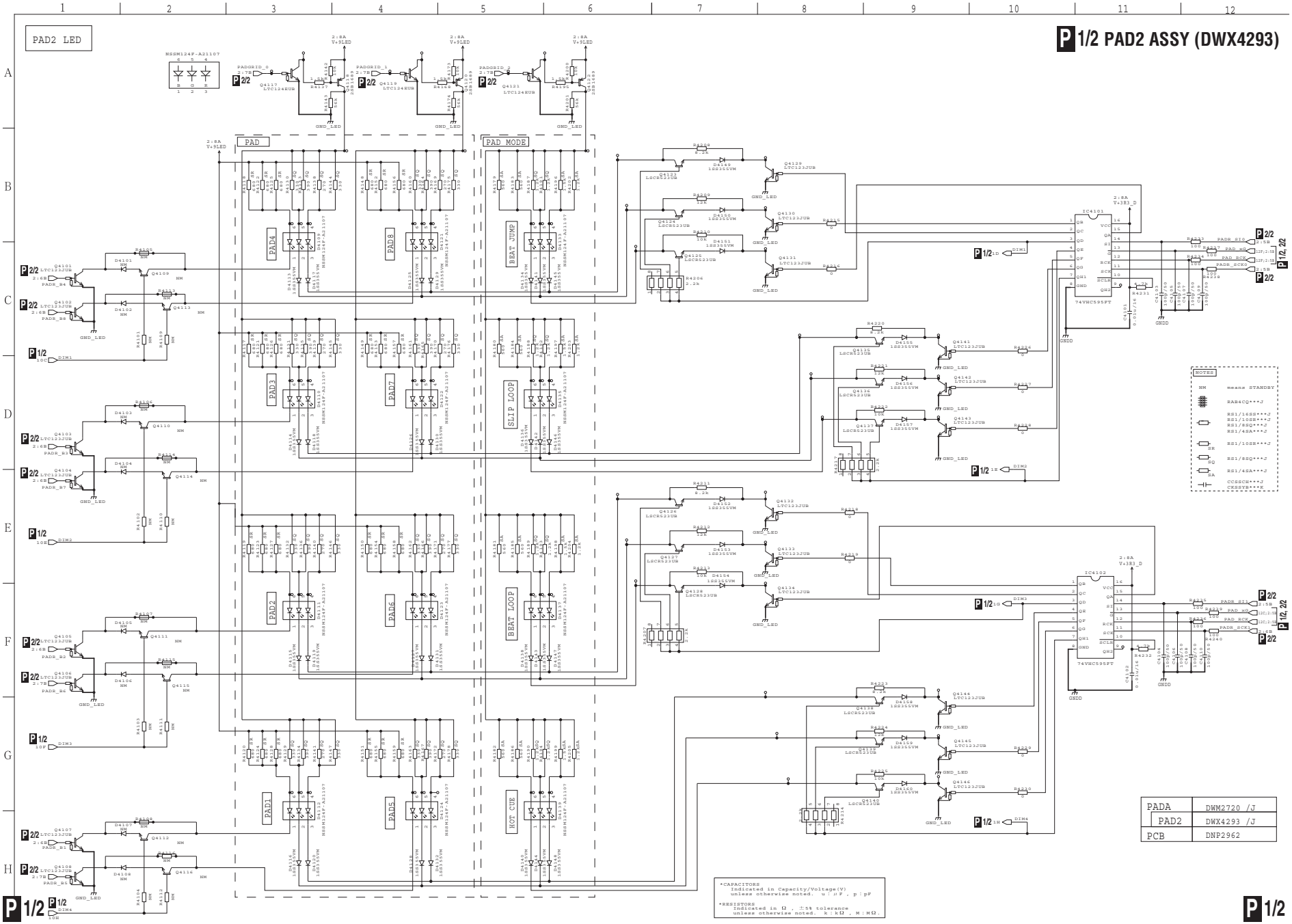
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ .

NOTES
NM means STANDBY
RS1/16SS***J
CCSSYB***K

PADA	DWM2720 /J
PAD1	DWX4292 /J
PCB	DNP2962

XDJ-XZ

2/2


PAD2 LED
1/2 PAD2 ASSY (DWX4293)
PAD
PAD MODE
PAD4
PAD8
BEAT JUMP
PAD3
PAD7
SLIP LOOP
PAD2
PAD6
BEAT LOOP
PAD1
PAD5
HOT CUE
IC4101
IC4102
74VHC595FT
NOTES
NM means STANDBY
*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.
PADA DWM2720 /J
PAD2 DWX4293 /J
PCB DNP2962
1/2

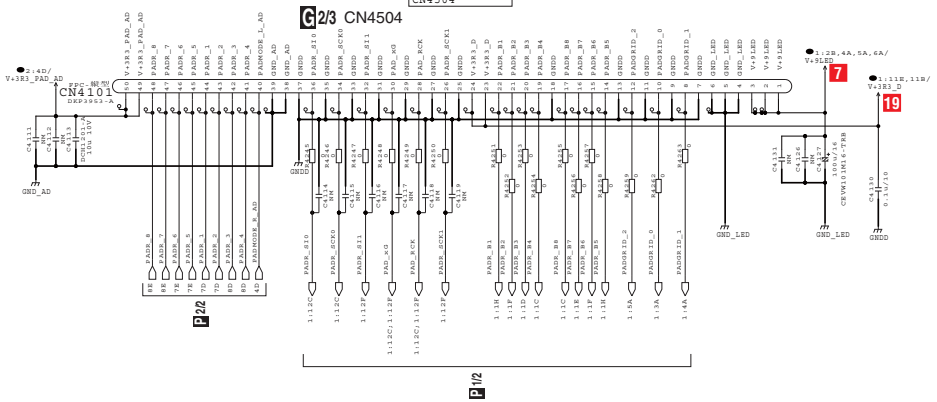
10.45 PAD2 ASSY (2/2)

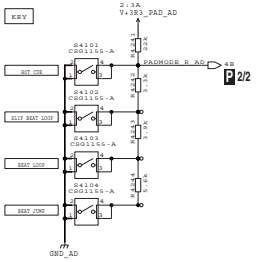
P 2/2 PAD2 ASSY (DWX4293)

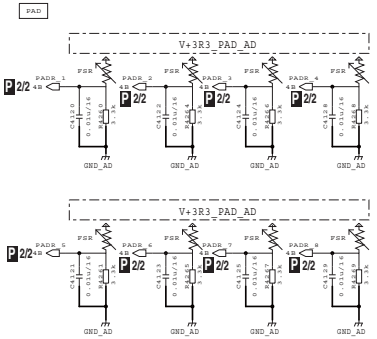
PAD2 KEY

From/To UCOM
CN4504

G 2/3 CN4504





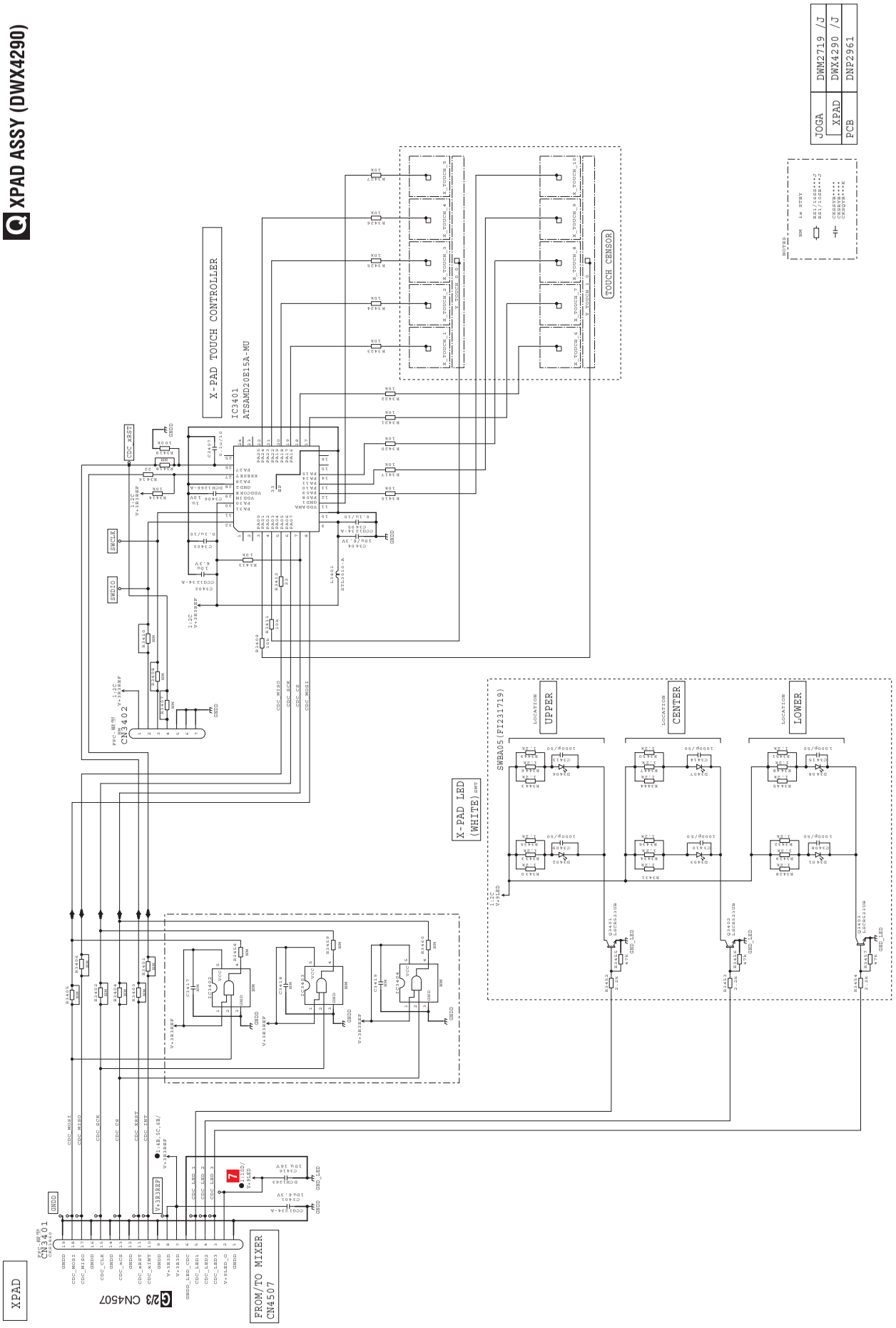


PADA	DWM2720 /J
PAD2	DWX4293 /J
PCB	DNP2962

P 2/2

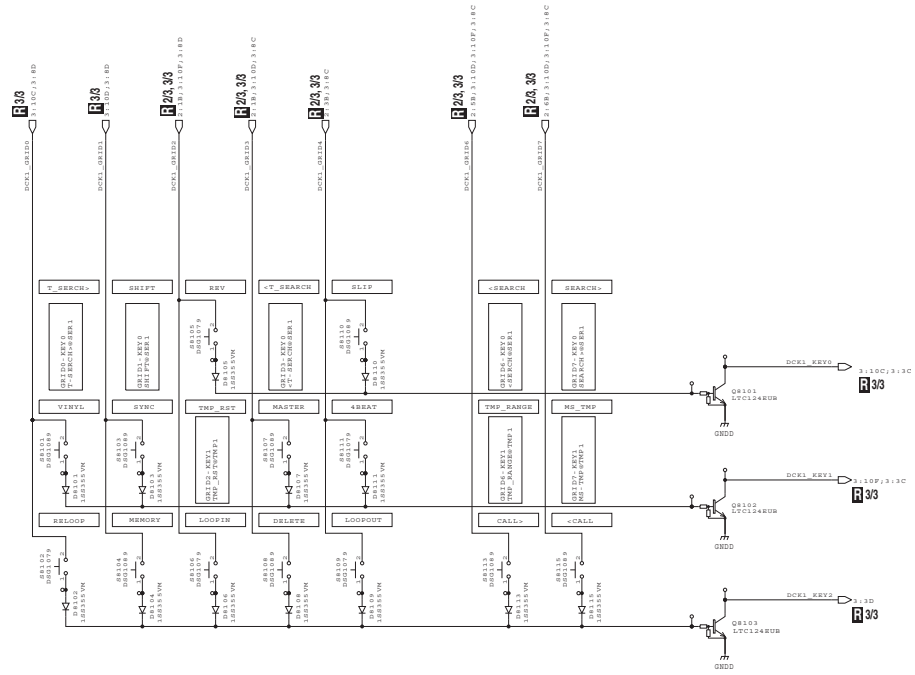
10.46 XPAD ASSY

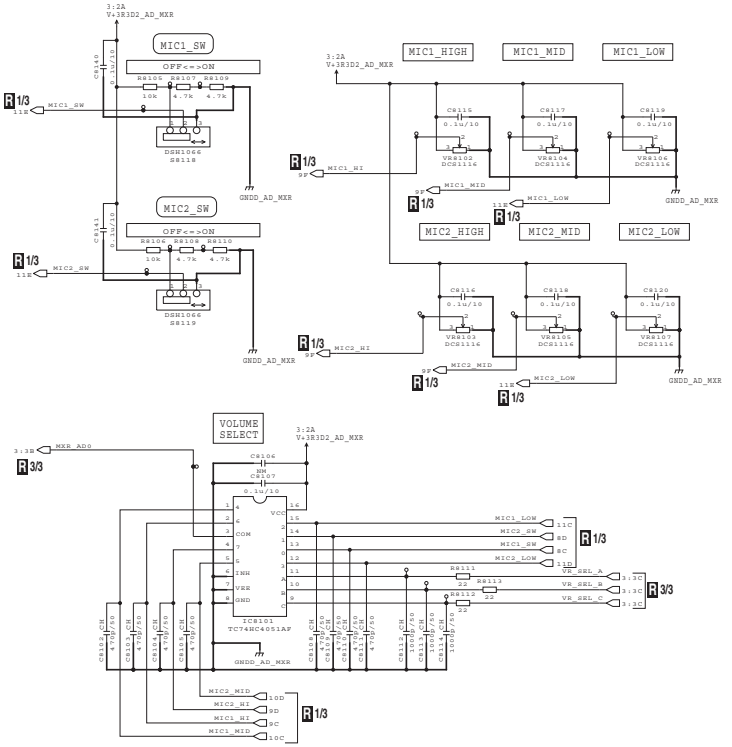
XPAD ASSY (DWX4290)

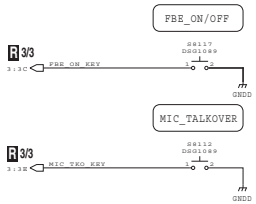


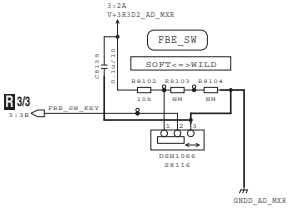
DCK1 KEY/VR

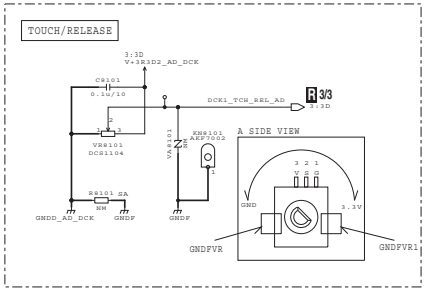
R 1/3 DCK1 ASSY (DWX4309)











REF:8101-8300

NOTES
NM is No Mount

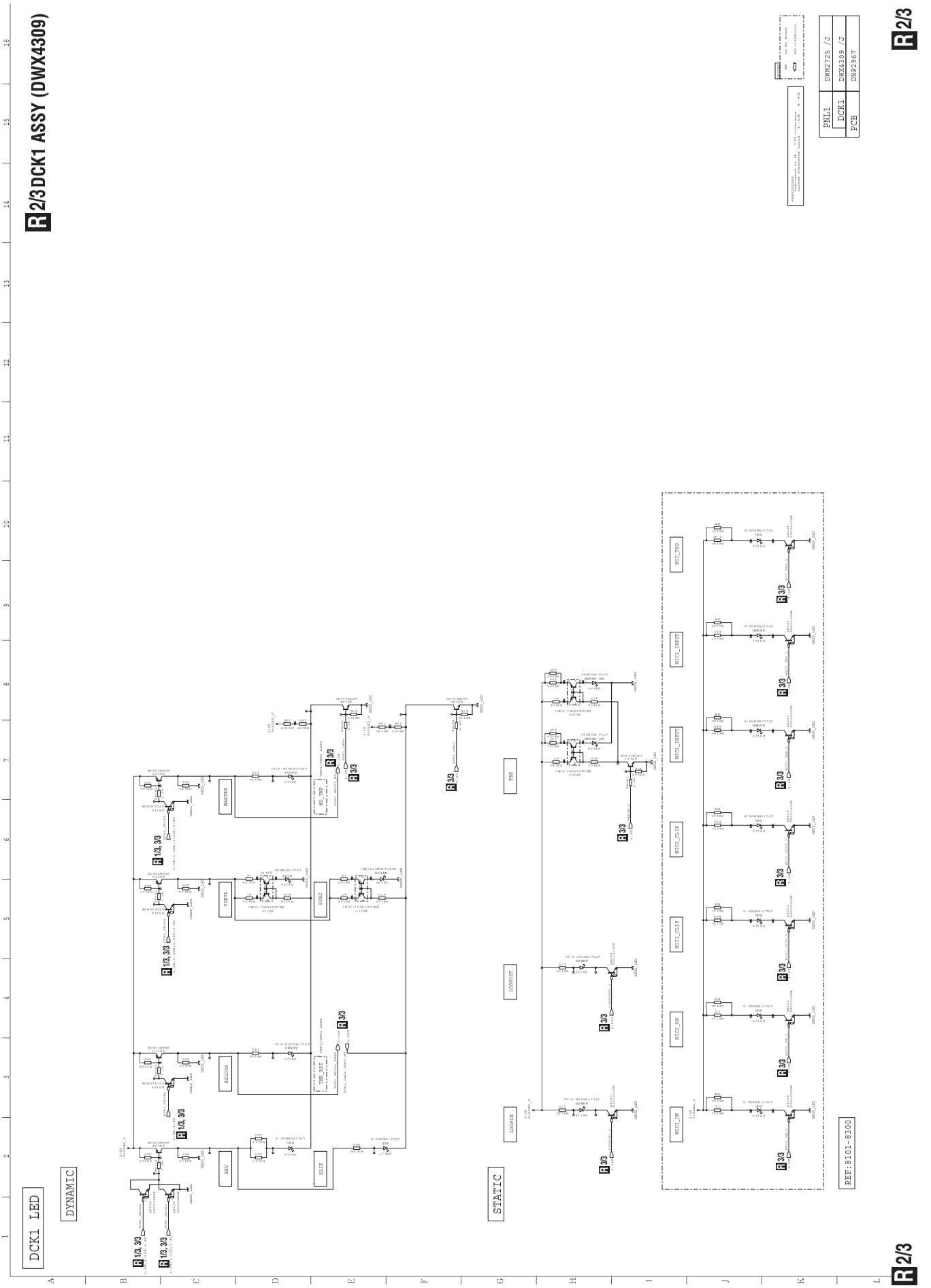
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

PNL1	DWM2725 /J
DCK1	DWX4309 /J
PCB	DNP2967

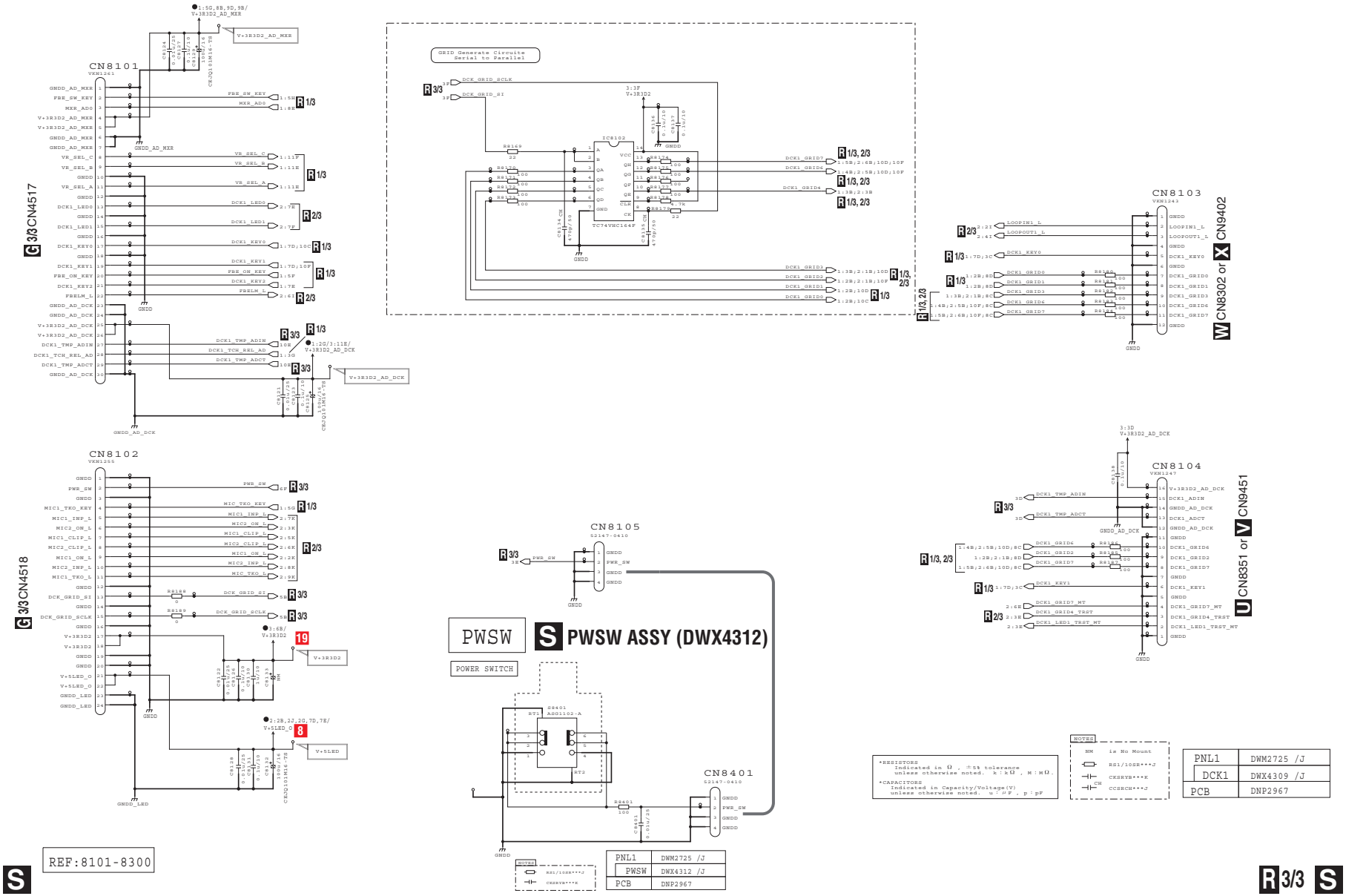
R 1/3

10.48 DCK1 ASSY (2/3)



DCK1 IF

R 3/3 DCK1 ASSY (DWX4309)



PWSW

S PWSW ASSY (DWX4312)

POWER SWITCH

PNL1	DWM2725 /J
PWSW	DWX4312 /J
PCB	DNP2967

PNL1	DWM2725 /J
DCK1	DWX4309 /J
PCB	DNP2967

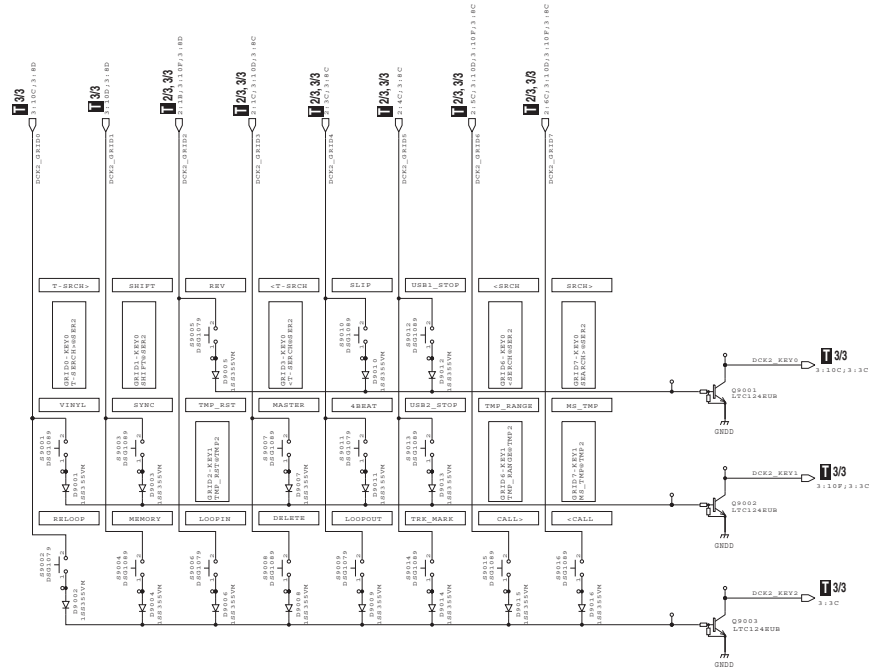
REF:8101-8300

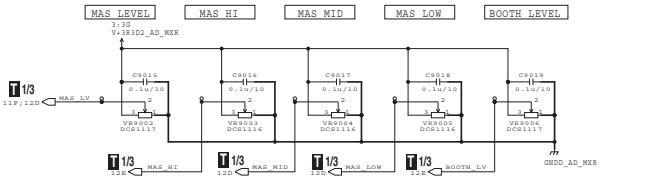
R 3/3 S

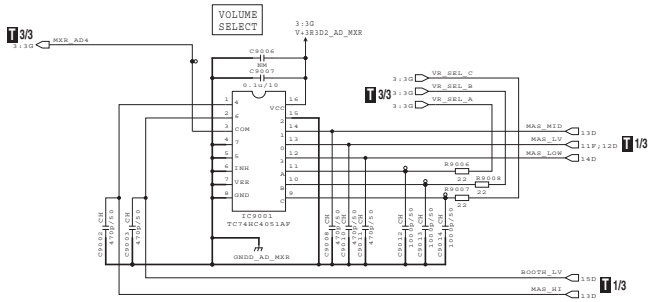
R 3/3 S

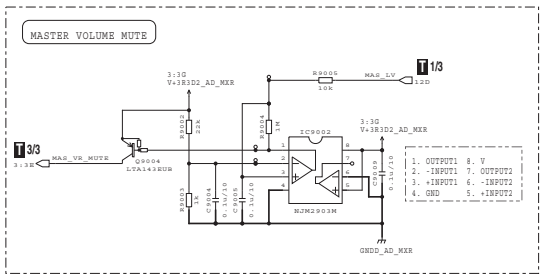
DCK2 KEY/VR

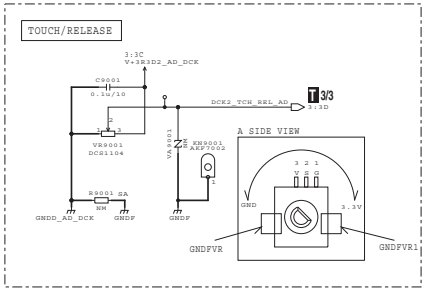
T1/3 DCK2 ASSY (DWX4313)

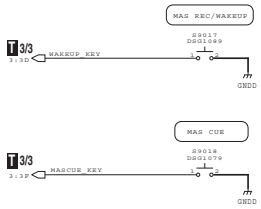












REF:9001-9300

NOTES
NM is No Mount
RS1/10SR***J
RS1/4SA***J
CKSRYB***K
CCSRCH***J

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.
*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

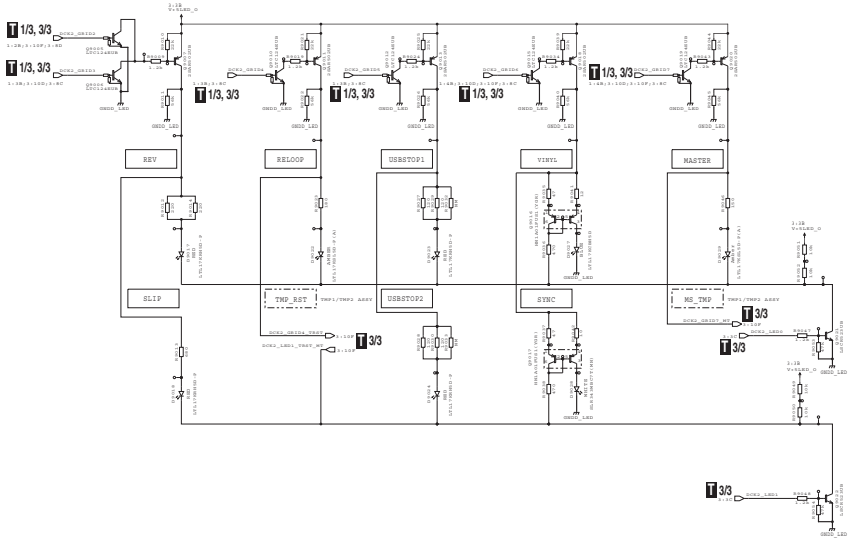
PNL2	DWM2726 /J
DCK2	DWX4313 /J
PCB	DNP2968

10.51 DCK2 ASSY (2/3)

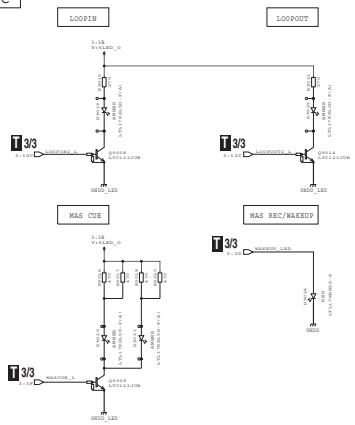
T 2/3 DCK2 ASSY (DWX4313)

DCK2 LED

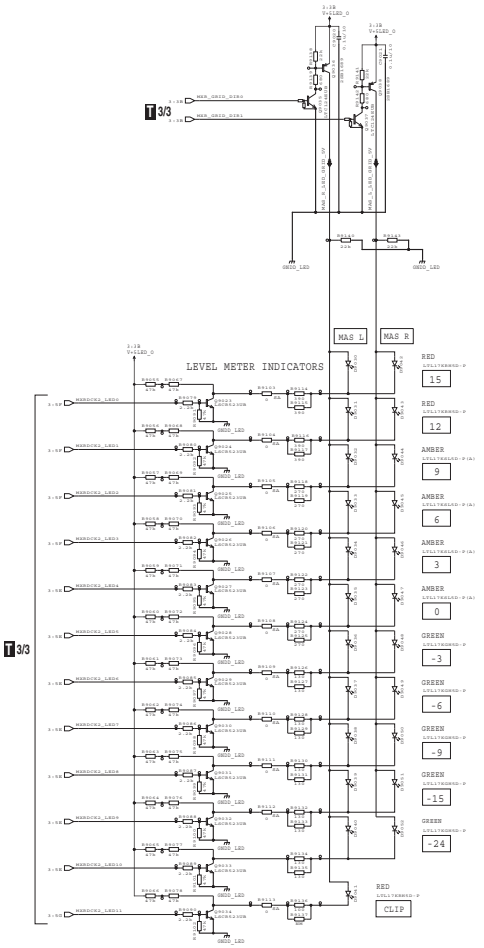
DYNAMIC



STATIC



REF:9001-9300

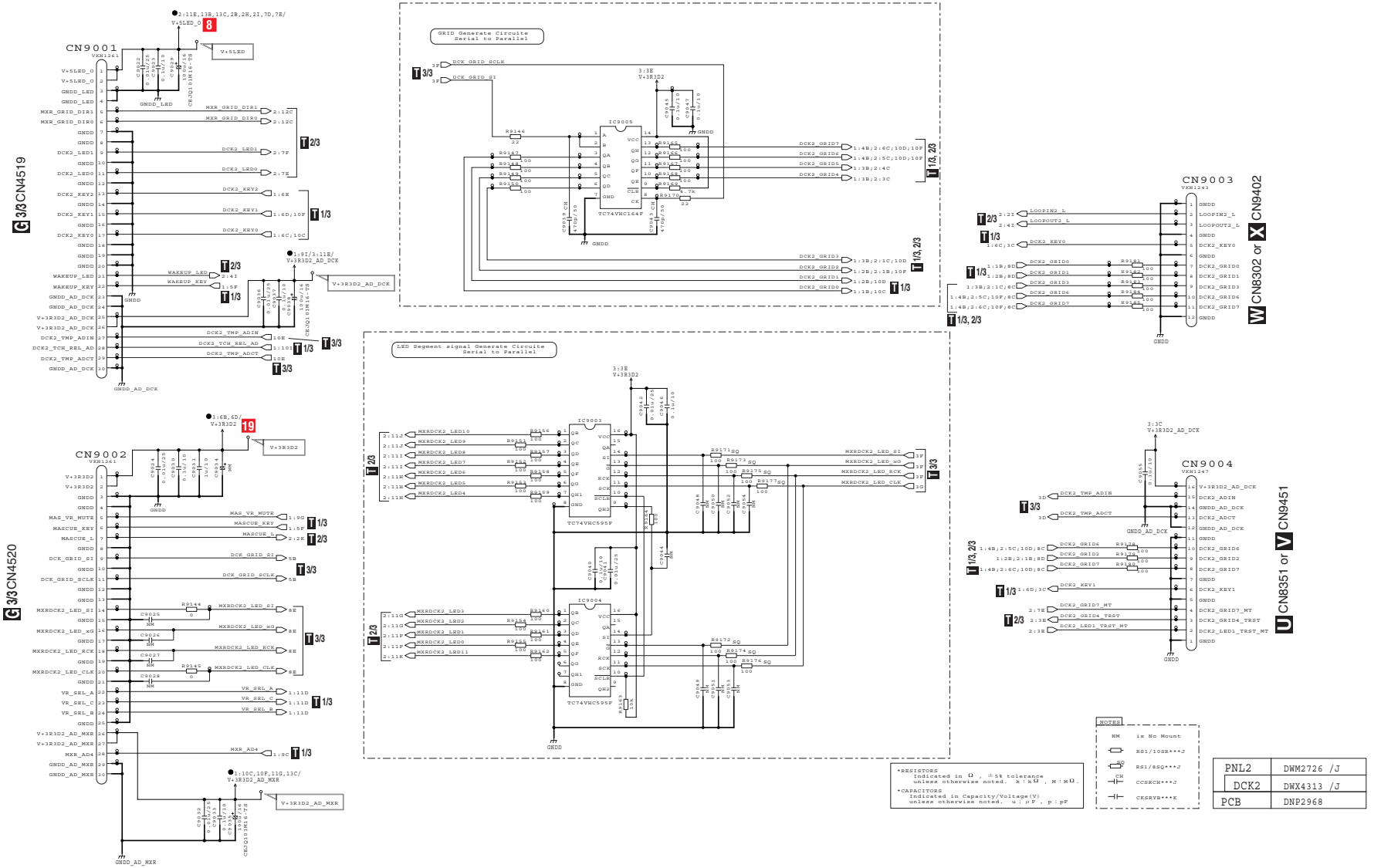


PNL2	DWM2726 /J
DCK2	DWX4313 /J
PCB	DNP2968

T 2/3

DCK2 IF

T 3/3 DCK2 ASSY (DWX4313)



NOTES

NM is No Mount

RS1/10SR***J

RS1/8SQ***J

CCSRCH***J

CKS8YB***K

*RESISTORS
Indicated in Ω , ±5% tolerance unless otherwise noted. k : kΩ , M : MΩ .

*CAPACITORS
Indicated in Capacity/Voltage(V) unless otherwise noted. u : μF , p : pF

PNL2	DWM2726 /J
DCK2	DWX4313 /J
PCB	DNP2968

XDJ-XZ

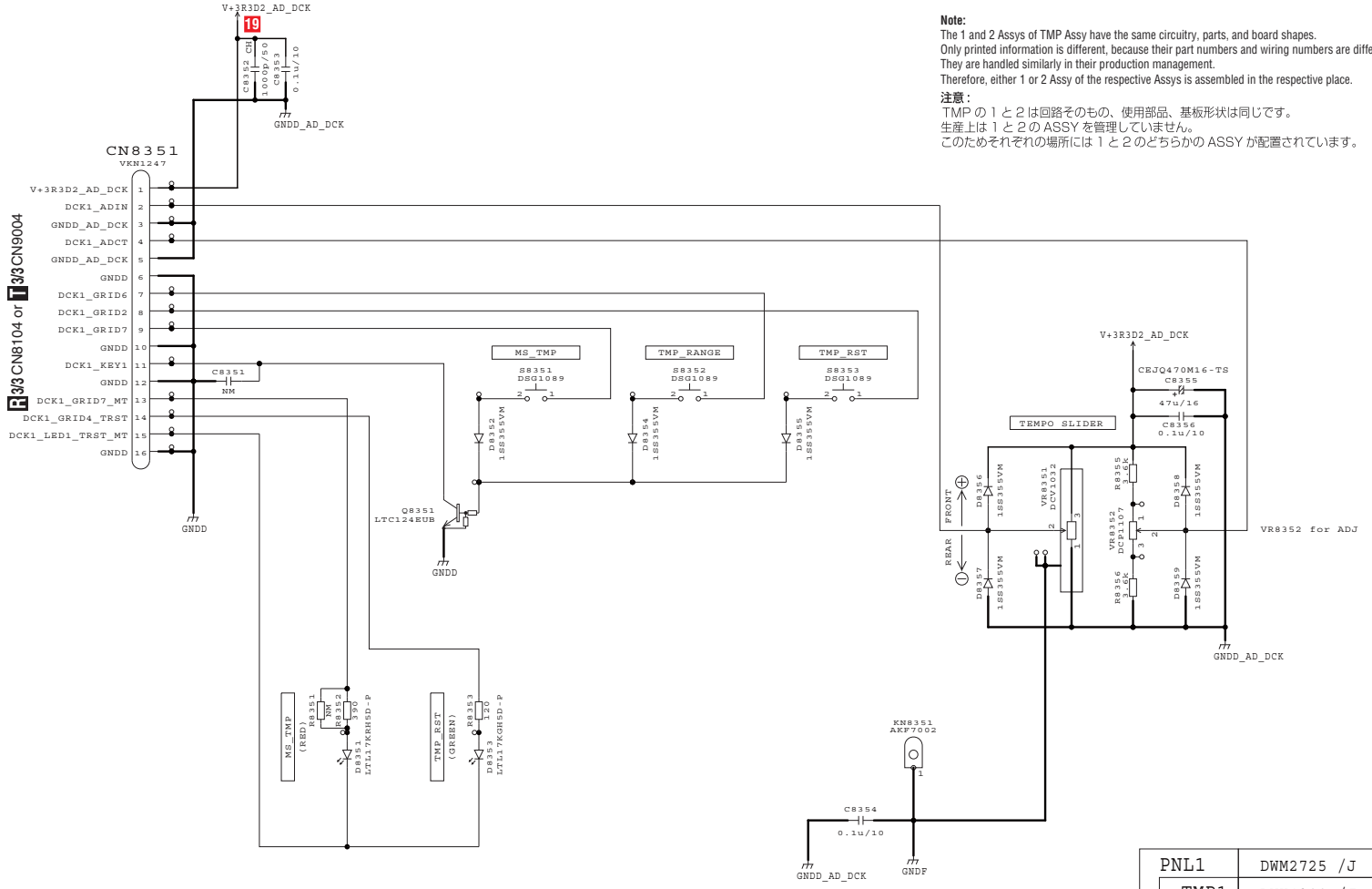
57

TMP1

U TMP1 ASSY (DWX4311)

Note:
The 1 and 2 Assys of TMP Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
TMP の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。



PNL1	DWM2725 /J
TMP1	DWX4311 /J
PCB	DNP2967

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTES

NM is No Mount

RS1/10SR***J

CKSRYB***K

CCSRCH***J

REF:8351-8400

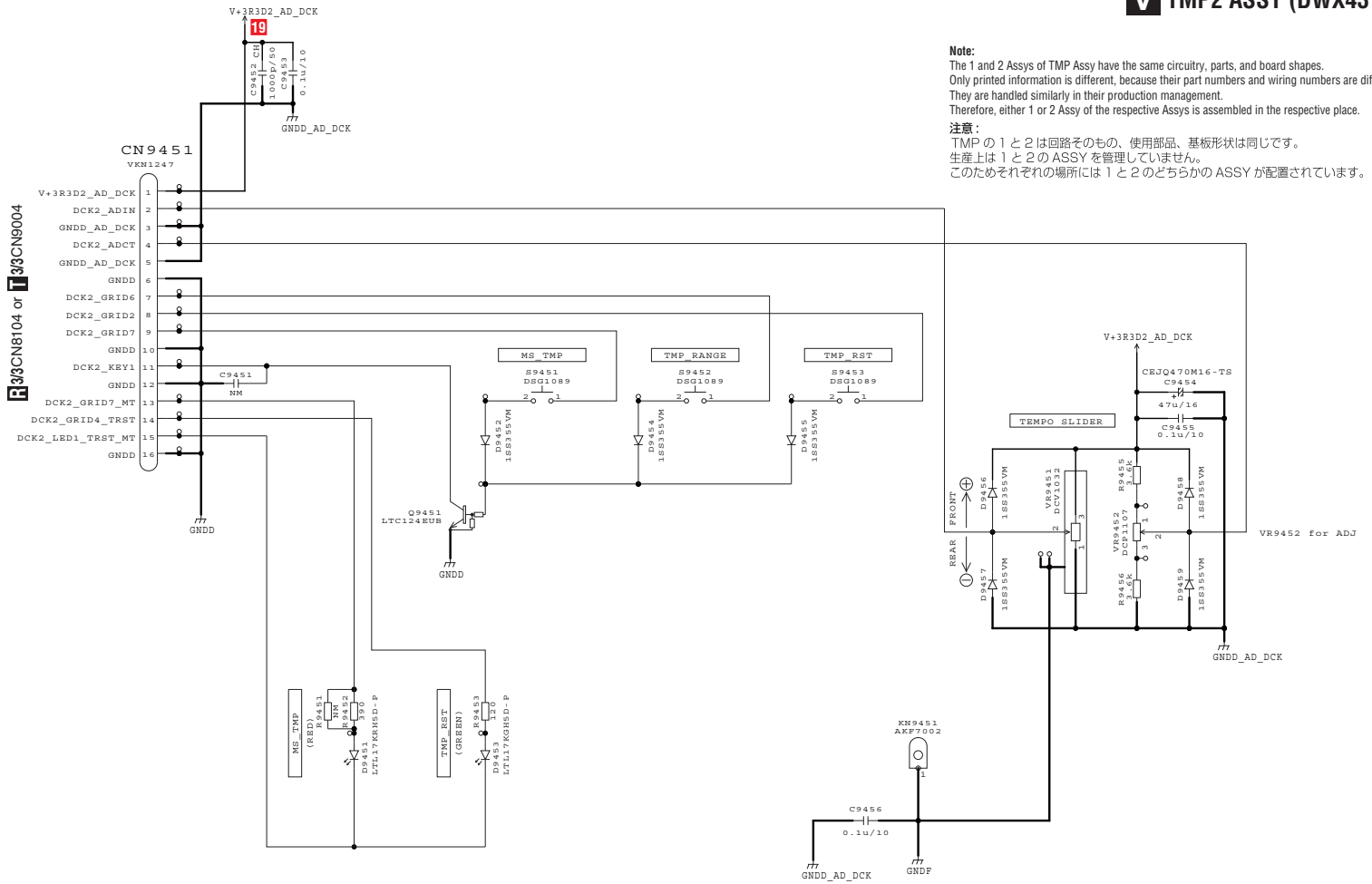
U

TMP2

V TMP2 ASSY (DWX4315)

Note:
The 1 and 2 Assys of TMP Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
TMP の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。



PNL2	DWM2726 /J
TMP2	DWX4315 /J
PCB	DNP2968

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTES
NM is No Mount
RS1/10SR***J
CKSRYB***K
CH CCSRCH***J

REF:9451-9500

XDJ-XZ

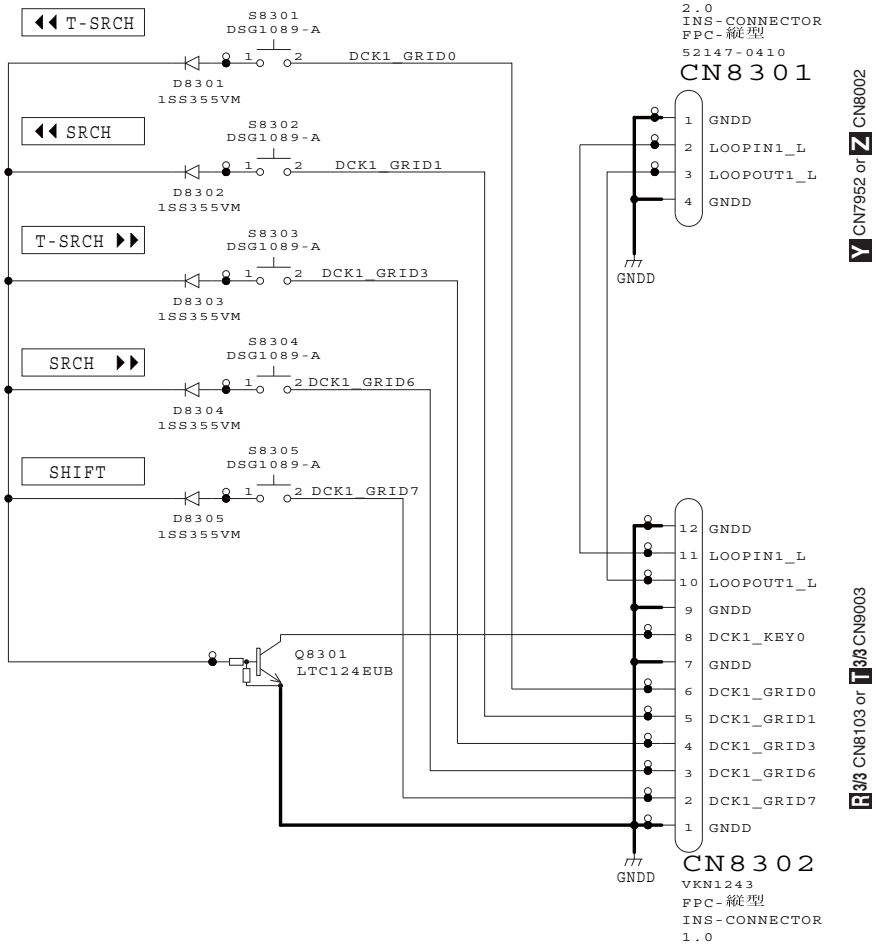
10.55 SER1 ASSY

W SER1 ASSY (DWX4310)

Note:
The 1 and 2 Assys of SER Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
SER の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

SER1 ASSY



SUBA	DWM2724 /J
SER1	DWX4310 /J
PCB	DNP2966

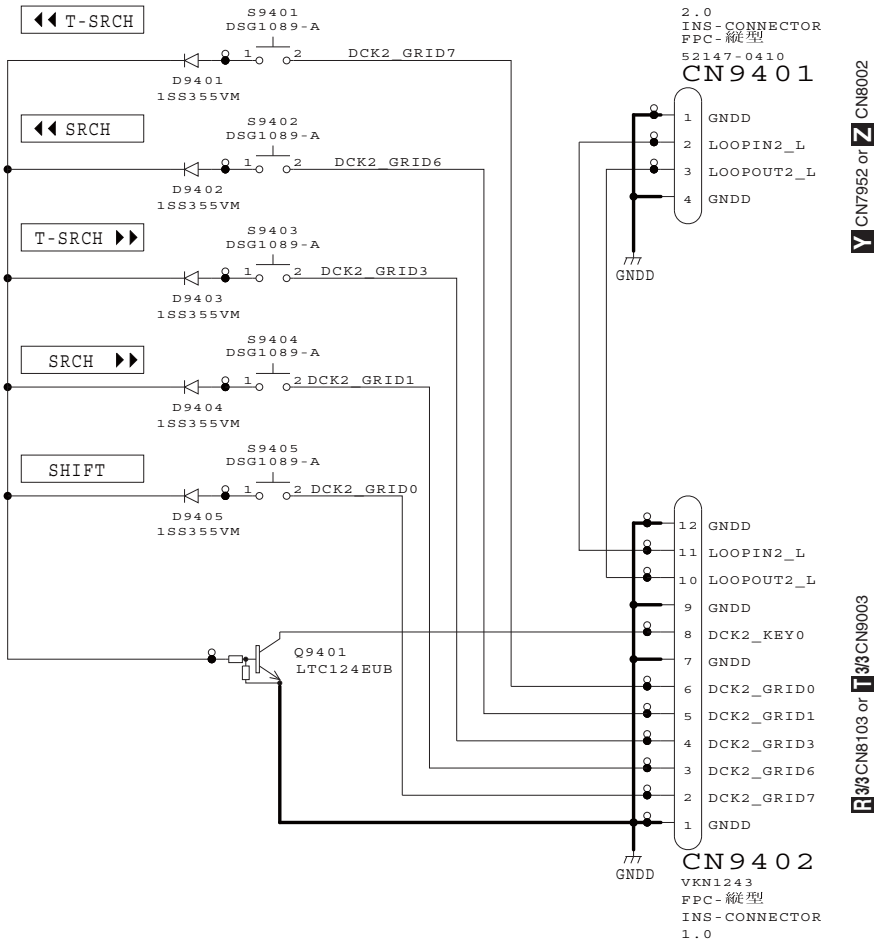
10.56 SER2 ASSY

X SER2 ASSY (DWX4314)

Note:
The 1 and 2 Assys of SER Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
SER の１と２は回路そのもの、使用部品、基板形状は同じです。
生産上は１と２の ASSY を管理していません。
このためそれぞれの場所には１と２のどちらかの ASSY が配置されています。

SER2 ASSY



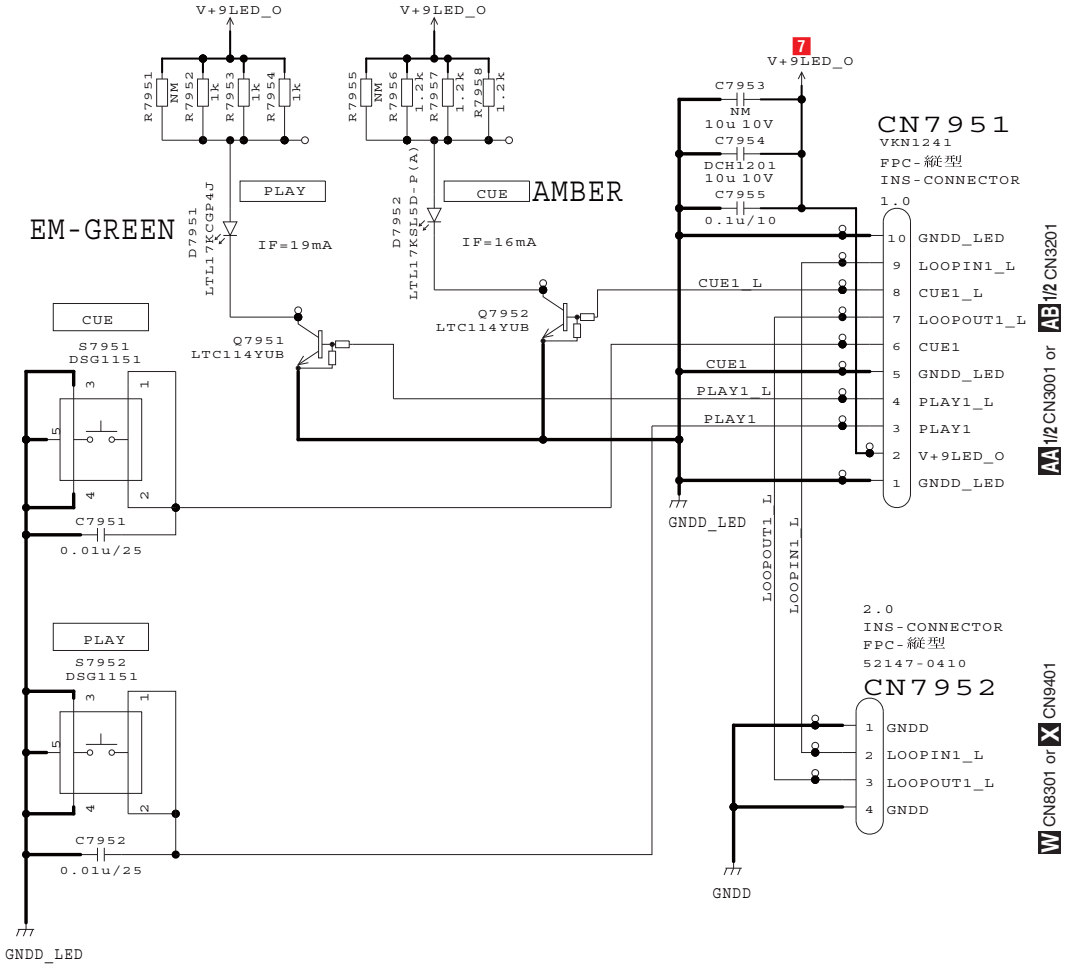
SUBA	DWM2724 /J
SER2	DWX4314 /J
PCB	DNP2966

10.57 PLAY1 ASSY

Y PLAY1 ASSY (DWX4307)

Note:
The 1 and 2 Assys of PLAY Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
PLAYの１と２は回路そのもの、使用部品、基板形状は同じです。
生産上は１と２のASSYを管理していません。
このためそれぞれの場所には１と２のどちらかのASSYが配置されています。



NOTES
NM means STANDBY
RS1/10SR***J
CKSRYB***K

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

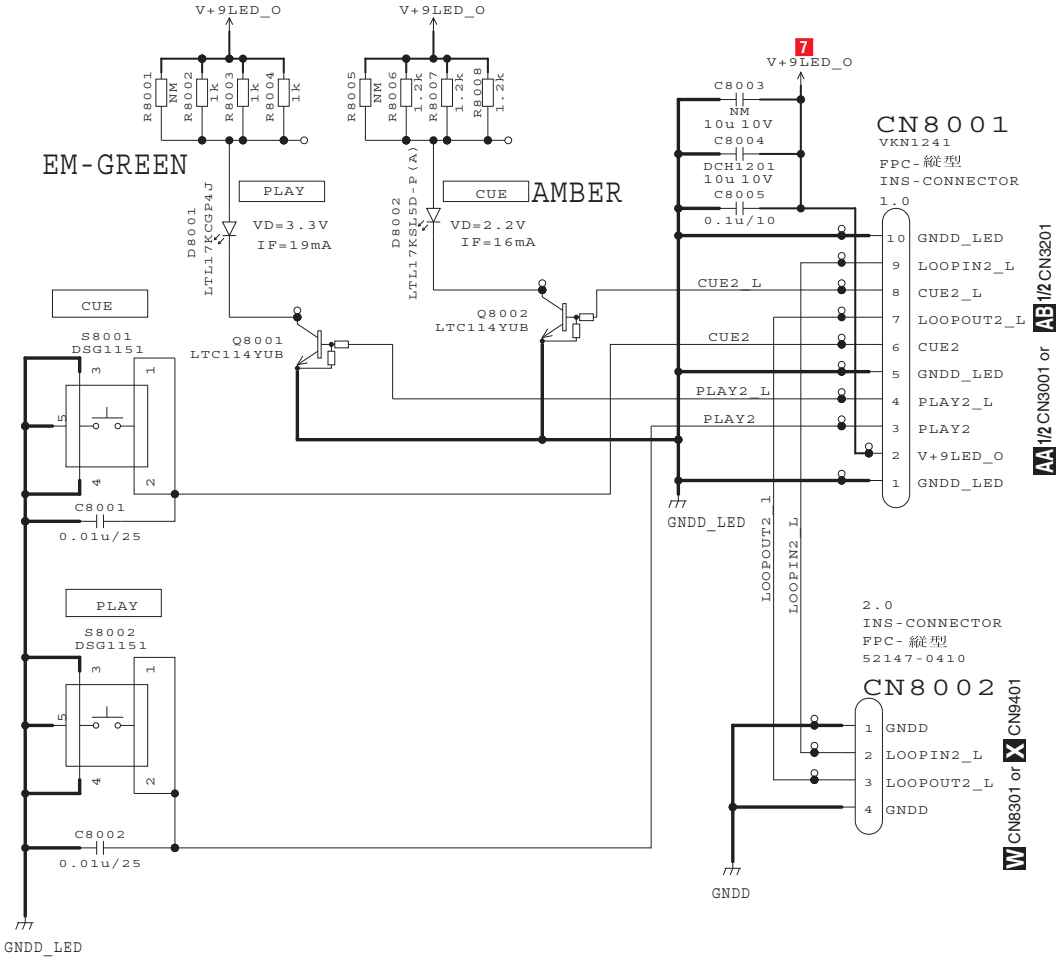
SUBA	DWM2724 /J
PLAY1	DWX4307 /J
PCB	DNP2966

10.58 PLAY2 ASSY

Z PLAY2 ASSY (DWX4308)

Note:
The 1 and 2 Assys of PLAY Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
PLAYの１と２は回路そのもの、使用部品、基板形状は同じです。
生産上は１と２のASSYを管理していません。
このためそれぞれの場所には１と２のどちらかのASSYが配置されています。



NOTES
NM means STANDBY
RS1/10SR***J
CKSRYB***K

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

SUBA	DWM2724 /J
PLAY2	DWX4308 /J
PCB	DNP2966

SH7269/SDRAM

Note:
The 1 and 2 Assys of JLCD Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
JLCDの１と２は回路そのもの、使用部品、基板形状は同じです。
生産上は１と２のASSYを管理していません。
このためそれぞれの場所には１と２のどちらかのASSYが配置されています。

AA 1/2 JLCD1 ASSY (DWX4288)

V+3R3D

1.25V LDO

V+1R2D

21

LCD xRST

AA 2/2

RSPI Slave Mode

JTAG

xRST SH LCD

IC3002

R5S72690W266FP

JOG LCD UCOM1

SPI FLASH

SDRAM 64Mb

64Mb

G 2/3 CN4503 or
G 2/3 CN4515

Y CN7951 or
Z CN8001

AC CN9601 or
AD CN9701

from SHEET SW
DSX1078-

MD_BOOT1	MD_BOOT0	MD_BOOT2
0	1	1

Serial FLASH

JOGA	DWM2719 /J
JLCD1	DWX4288 /J
PCB	DNP2961

- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.
  Therefore, when replacing, be sure to use parts of identical designation.
- ⚠ 印の部品は、安全上重要な部品です。
  交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

AA 1/2

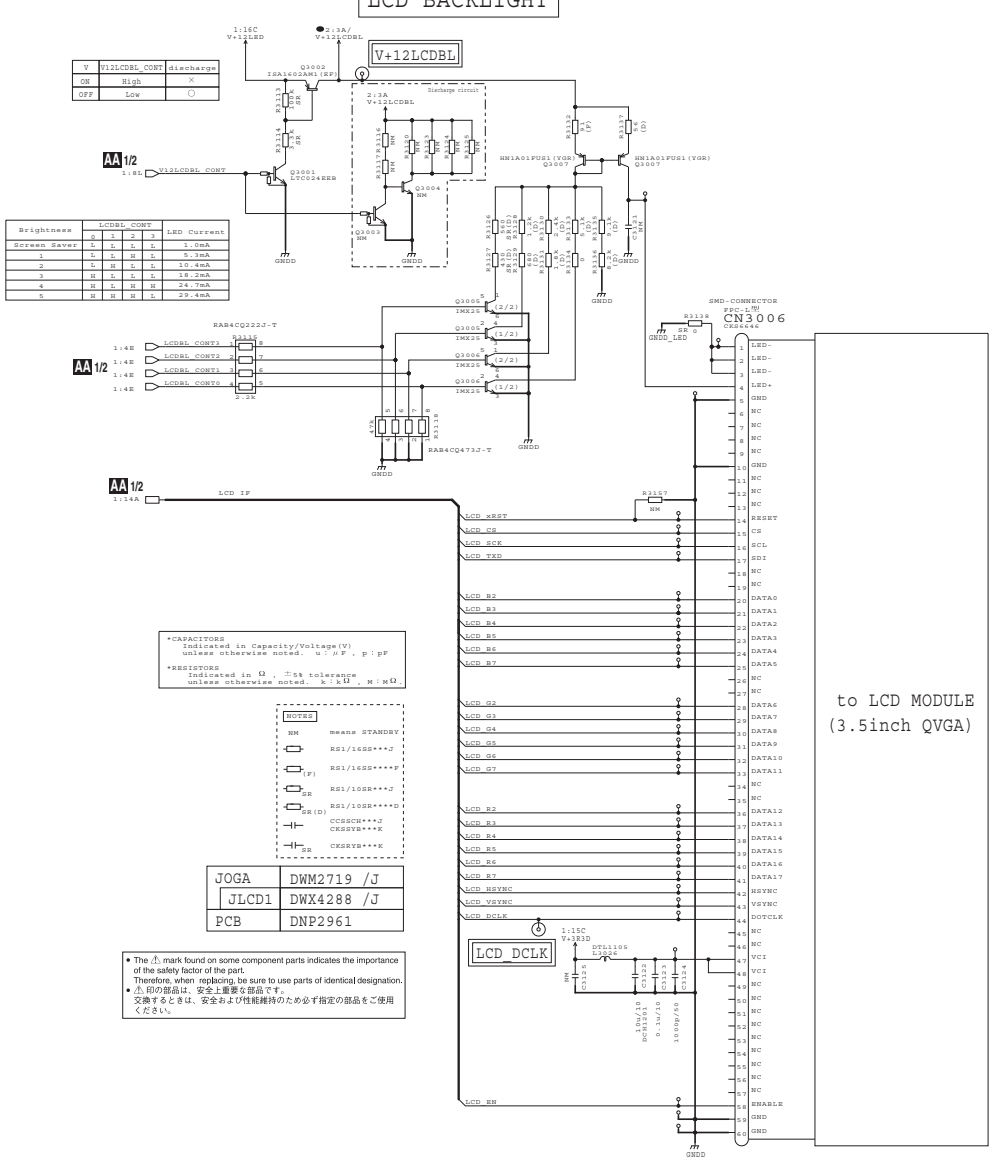
AA 2/2 JLCD1 ASSY (DWX4288)

Note:
The 1 and 2 Assys of JLCD Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
JLCD の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

LCD IO/JOG ILM

LCD BACKLIGHT



V	V12LCDBL_CONT	discharge
ON	High	×
OFF	Low	○

Brightness	LCDBL_CONT				LED Current
	0	1	2	3	
Screen Saver	L	L	L	L	1.0mA
1	L	L	H	L	5.3mA
2	L	H	L	L	10.4mA
3	H	L	L	L	18.2mA
4	H	L	H	H	24.7mA
5	H	H	H	L	29.4mA

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

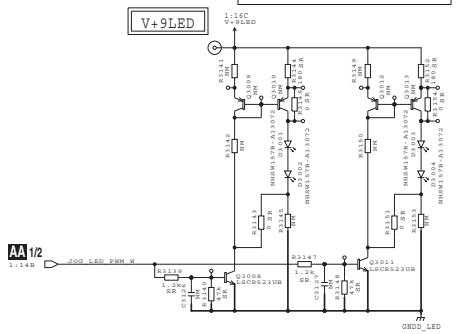
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ

NOTES
NM means STANDBY
RS1/16SS***J
RS1/16SS****F
RS1/10SR***J
RS1/10SR****D
CCSSCH***J
CKSSYB***K
CKSRYB***K

JOGA	DWM2719 /J
JLCD1	DWX4288 /J
PCB	DNP2961

- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.
  Therefore, when replacing, be sure to use parts of identical designation.
- ⚠ 印の部品は、安全上重要な部品です。
  交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

JOG LED(WHITE)



SH7269/SDRAM

AB 1/2 JLCD2 ASSY (DWX4289)

Note:
The 1 and 2 Assys of JLCD Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
JLCDの１と２は回路そのもの、使用部品、基板形状は同じです。
生産上は１と２のASSYを管理していません。
このためそれぞれの場所には１と２のどちらかのASSYが配置されています。

V+3R3D

1.25V LDO

V+1R2D

21

LCD_xRST

RSPI Slave Mode

IC3202

R5S72690W266FP

JOG LCD UCOM2

JTAG

xRST_SH_LCD

SPI FLASH

SDRAM 64Mb

64Mb

Y CN7951 or
Z CN8001

G 2/3CN4503 or
G 2/3CN4515

AC CN9601 or
AD CN9701

From SHEET SW
DSX1078-

MD_BOOT1	MD_BOOT0	MD_BOOT2
0	1	1

Serial FLASH

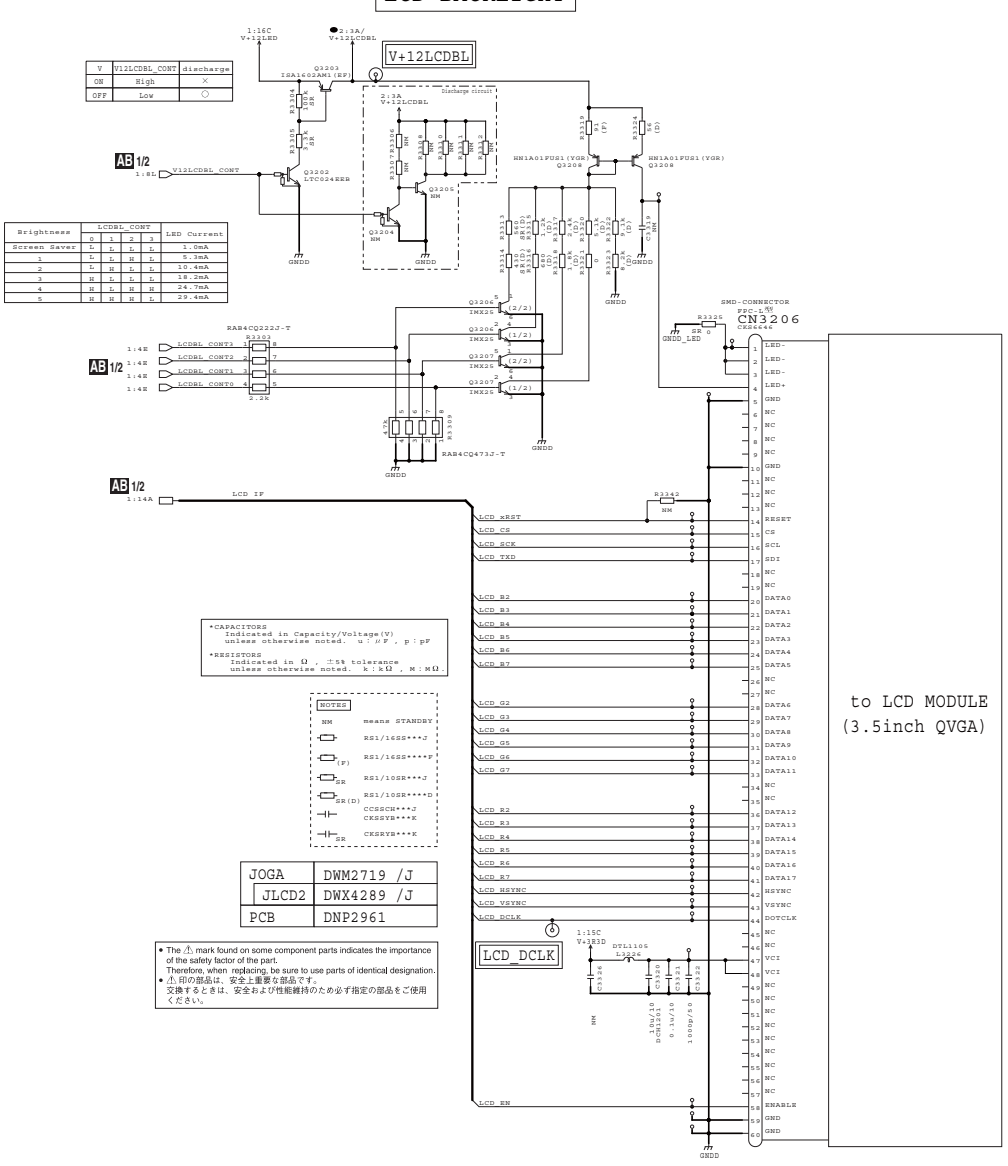
JOGA	DWM2719 /J
JLCD2	DWX4289 /J
PCB	DNP2961

- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.
  Therefore, when replacing, be sure to use parts of identical designation.
- ⚠ 印の部品は、安全上重要な部品です。
  交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

AB 1/2

LCD IO/JOG ILM

LCD BACKLIGHT



V	V12LCDBL_CONT	discharge
ON	High	×
OFF	Low	○

Brightness	LCDBL_CONT				LED Current
	0	1	2	3	
Screen Saver	L	L	L	L	1.0mA
1	L	L	H	L	5.3mA
2	L	H	L	L	10.4mA
3	H	L	L	L	18.2mA
4	H	L	H	L	24.7mA
5	H	H	H	L	29.4mA

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ

NOTES
NM means STANDBY
RS1/16SS***J
(F) RS1/16SS***F
SR RS1/10SR***J
SR(D) RS1/10SR***D
CCSSCH***J
CKSSYB***K
SR CKSRYB***K

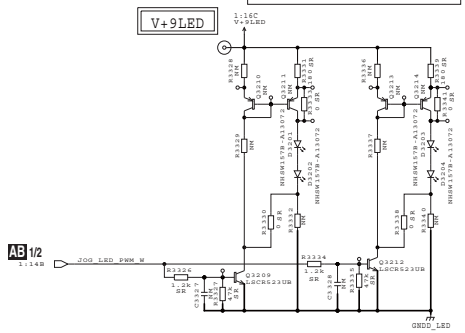
JOGA	DWM2719 /J
JLCD2	DWX4289 /J
PCB	DNP2961

• The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.
• ⚠ 印の部品は、安全上重要な部品です。
交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

AB 2/2 JLCD1 ASSY (DWX4289)

Note:
The 1 and 2 Assys of JLCD Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.
注意：
JLCD の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

JOG LED(WHITE)



10.63 JOG1 and JOG2 ASSYS

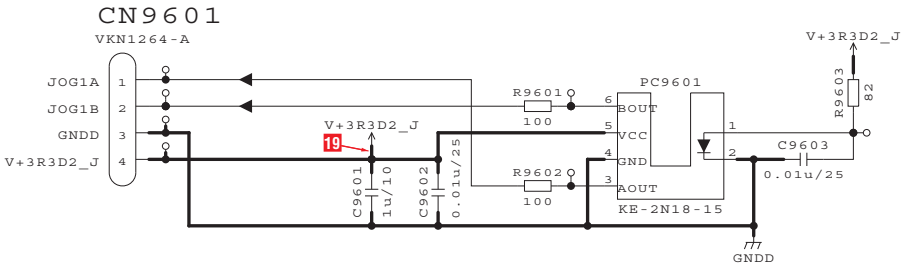
Note:
The 1 and 2 Assys of JOG Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
JOG の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

JOG1

AC JOG1 ASSY (DWX4317)

AA 1/2 CN3004 or
AB 1/2 CN3204



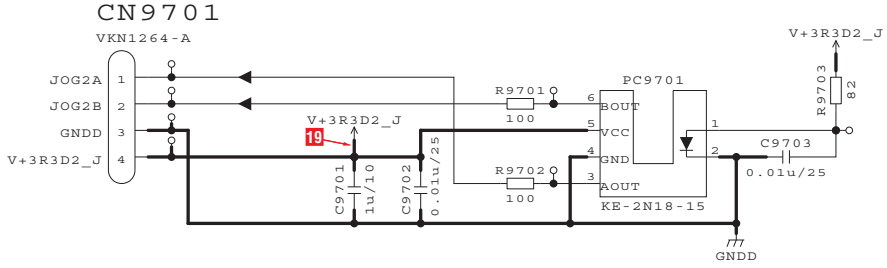
NOTES
RS1/10SR***J
CKSRYB***K

PNL2	DWM2726 /J
JOG1	DWX4317 /J
PCB	DNP2968

JOG2

AD JOG2 ASSY (DWX4318)

AA 1/2 CN3004 or
AB 1/2 CN3204



NOTES
RS1/10SR***J
CKSRYB***K

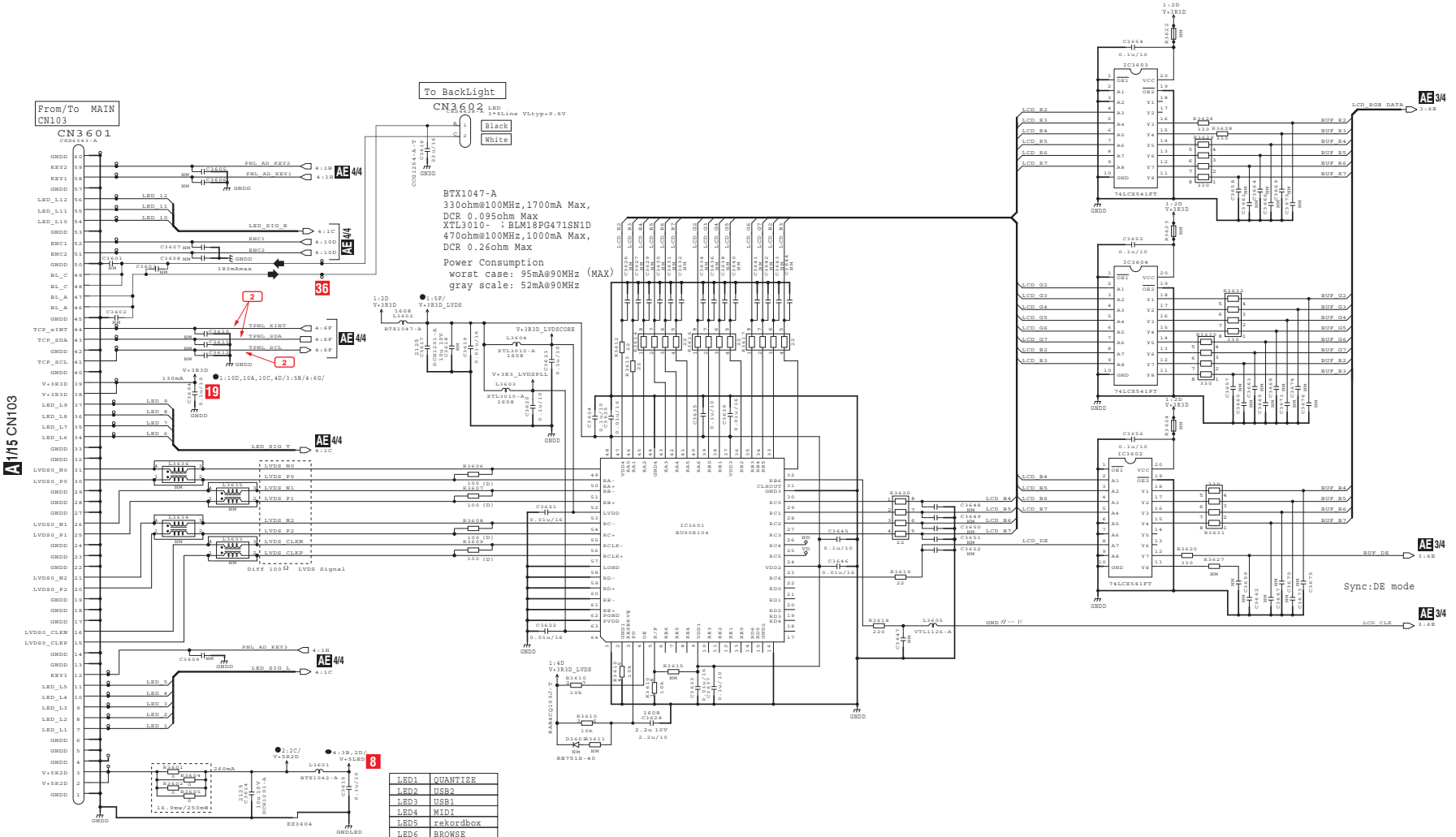
PNL2	DWM2726 /J
JOG2	DWX4318 /J
PCB	DNP2968

AC AD

AC AD

IO/LVDS

AE 1/4 LCDB ASSY (DWX4291)



LED1	QUANTIZE
LED2	USB2
LED3	USB1
LED4	MIDI
LED5	rekordbox
LED6	BROWSE
LED7	TAG LIST
LED8	INFO
LED9	MENU
LED10	ROTALY
LED11	LOAD1
LED12	LOAD2

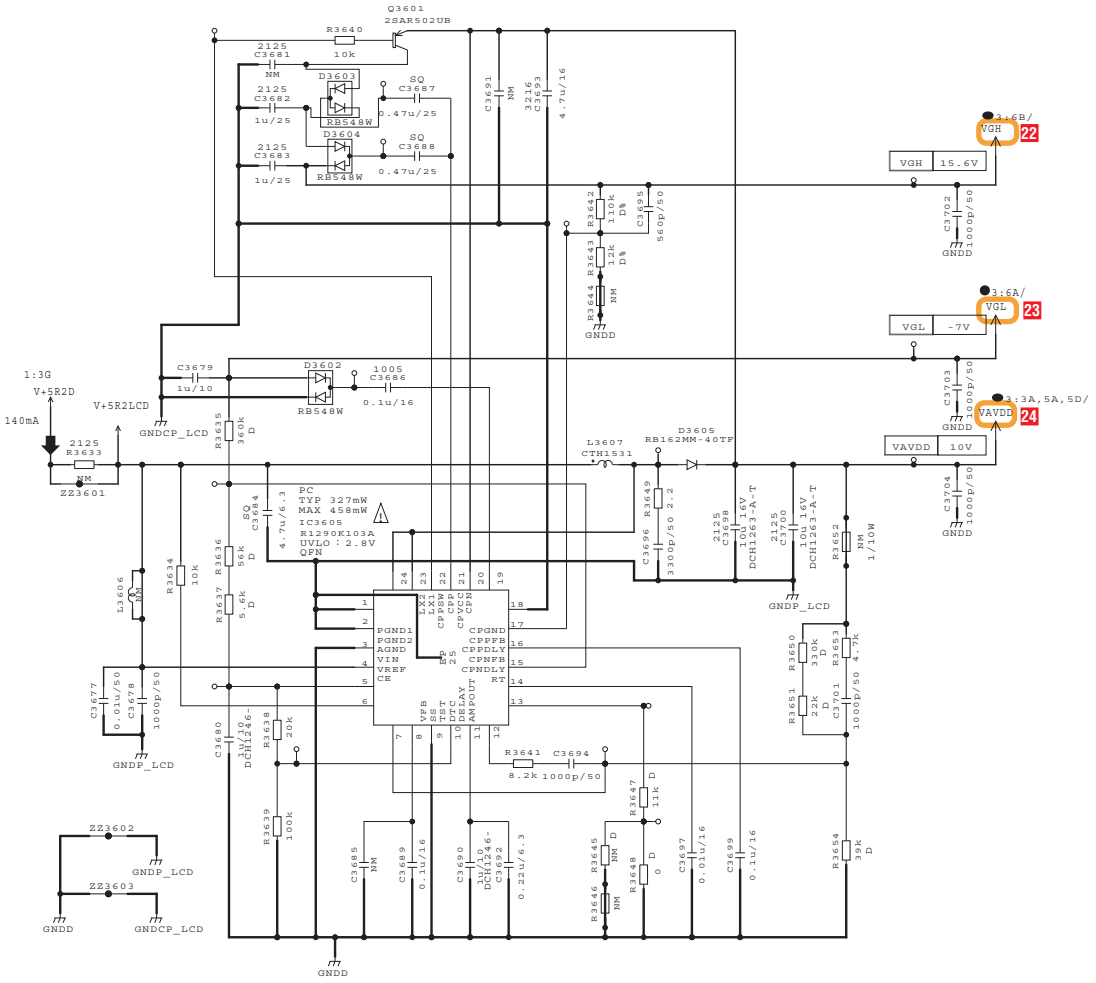
*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. K : kΩ , M : MΩ.
*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

NOTES
NM is No Mount

PADA	DWM2720 /J
	DWX4291 /J
PCB	DNP2962

AE 1/4

LCD POWER



NOTES

NM is No Mount

RS1/16SS***J RS1/10SR***J RS1/8SQ***J RS1/4SA***J	CKSSYB***K CKSRYB***K CKSQYB***K
D RS1/10SR****D, or RS1/16SS****D	CH CCSSCH***J CCSRCH***J
F RS1/10SR****F, or RS1/16SS****F	CEVW***M

*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

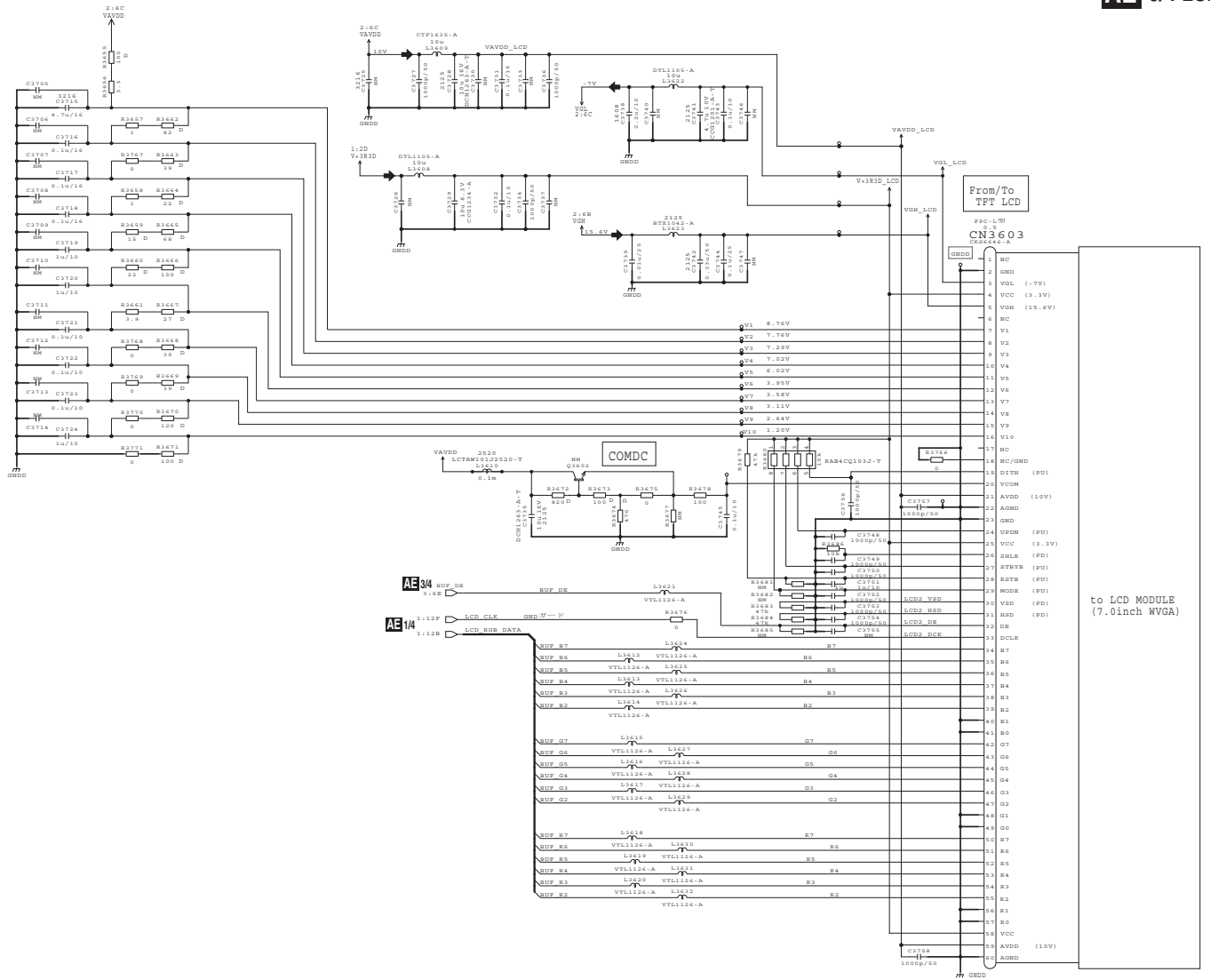
• The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.
• ⚠ 印の部品は、安全上重要な部品です。
交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

PADA	DWM2720 /J
	DWX4291 /J
PCB	DNP2962

AE 2/4

AE 3/4 LCDB ASSY (DWX4291)

LCD I/F



NOTES
NM i= No Mount
RS1/16SS***J
RS1/10SR***J
RS1/8SQ***J
RS1/4SA***J
RS1/10SR****D, or RS1/16SS****D
RS1/10SR****F, or RS1/16SS****F
CKSSYB***K
CKSRYB***K
CKSQYB***K
CCSSCH***J
CCSRCH***J
CRVW***M

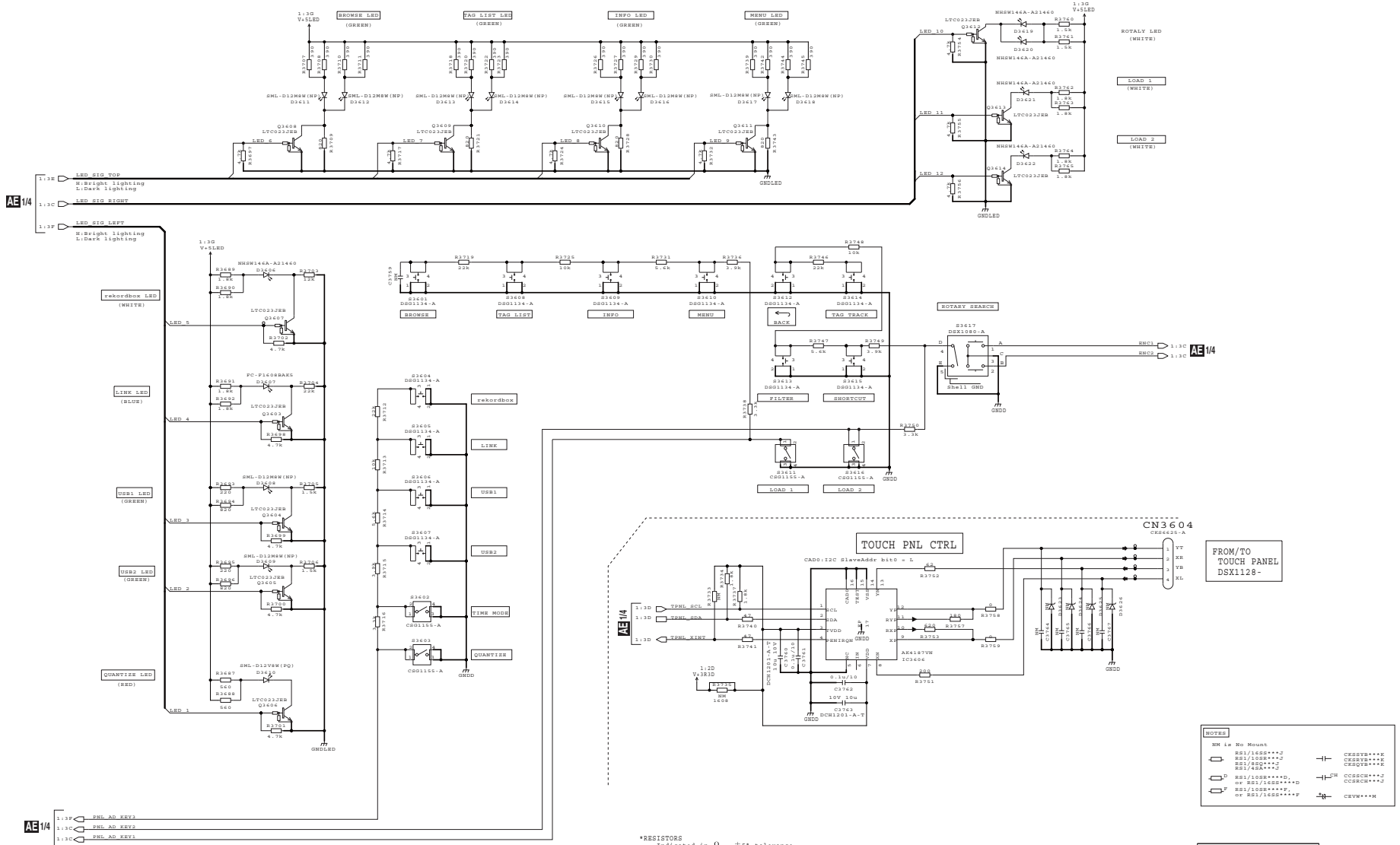
*RESISTORS
Indicated in Ω , ±5% tolerance unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V) unless otherwise noted. u : μF , p : pF

PADA	DWM2720 /J
	DWX4291 /J
PCB	DNP2962

SW/ENC/TPL

AE 4/4 LCDB ASSY (DWX4291)



*RESISTORS
Indicated in Ω , ±5% tolerance
unless otherwise noted. k : kΩ , M : MΩ.

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μF , p : pF

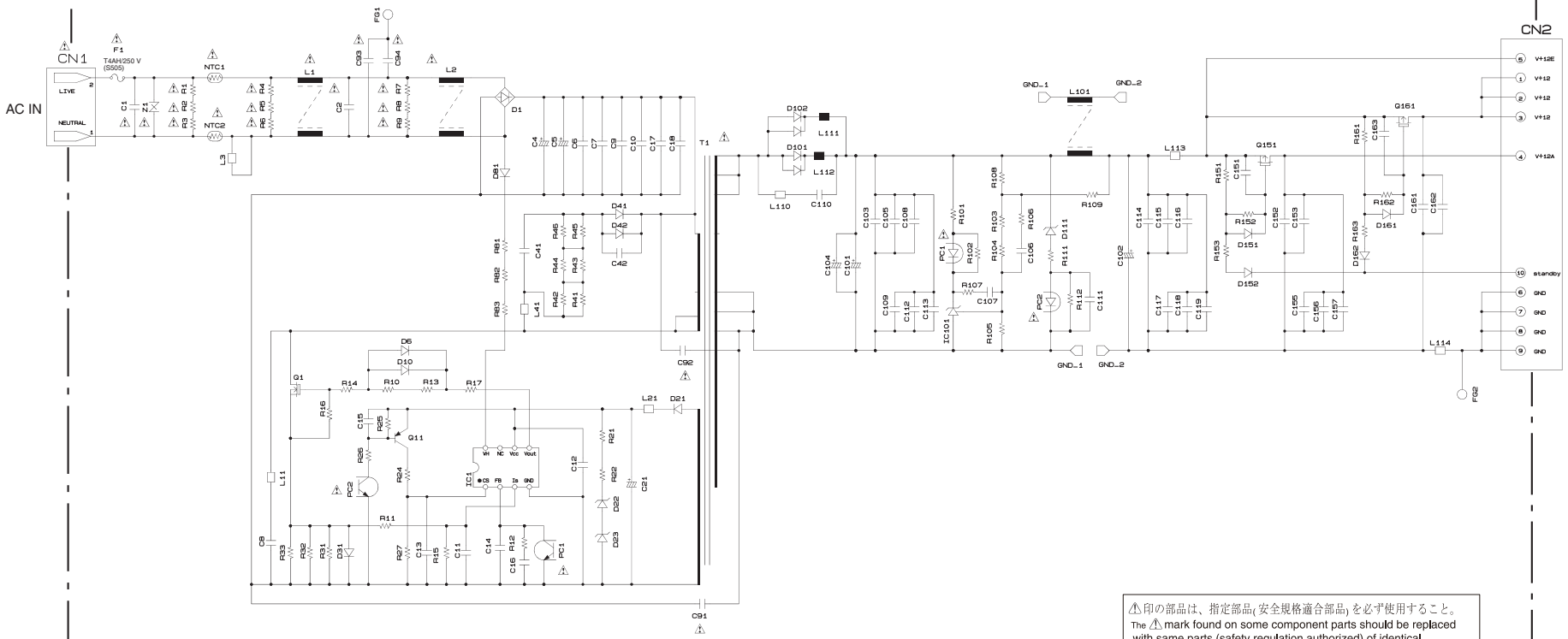
NOTES
NM is No Mount
RS1/16SS***J
RS1/10SS***J
RS1/8SQ***J
RS1/4SA***J
RS1/10SS****D, or RS1/16SS****D
RS1/10SS****F, or RS1/16SS****F
CKSSYB***K
CKSRYB***K
CKSQYB***K
CCSSCH***J
CCSRCH***J
CEVW***M

PADA	DWM2720 /J
	DWX4291 /J
PCB	DNP2962

AE 4/4

AF SW POWER SUPPLY (DWR1548)

CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE NO. S505-4A-R MFD. BY COOPER BUSSMANN INC. FOR F1.



⚠印の部品は、指定部品(安全規格適合部品)を必ず使用すること。
The ⚠ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

10.69 VOLTAGES

Voltage name	Min	Typ.	Max	Associated Assy	Measurement point	Power Supply at standby (Power SW OFF)
V+12E	11.40 V	12.00 V	12.60 V	AUDIO Assy	1	ON
V+5E	4.90 V	5.00 V	5.10 V	AUDIO Assy, MAIN Assy, UCOM Assy	2	ON
V+3R3E	3.20 V	3.30 V	3.40 V	UCOM Assy	3	ON
V+12D V+12D_HP	11.40 V	12.00 V	12.60 V	AUDIO Assy, MAIN Assy	4	OFF
V+12L V+12BL V+12BL_O V+12LED	11.40 V	12.00 V	12.60 V	AUDIO Assy, MAIN Assy, JLCD1 Assy, JCLD2 Assy, UCOM Assy	5	OFF
V+12A	11.40 V	12.00 V	12.60 V	AUDIO Assy	6	OFF
V+9LED	8.58 V	9.00 V	9.43 V	AUDIO Assy, MAIN Assy, UCOM Assy, MIXER Assy, XPAD Assy, PAD1 Assy, PAD2 Assy, PLAY1 Assy, PLAY2 Assy, EFSW Assy, JLCD1 Assy, JLCD2 Assy	7	OFF
V+5D V+5LED V+5LED_O V+5R2D	5.06 V	5.29 V	5.53 V	AUDIO Assy, MAIN Assy, LCDB Assy, UCOM Assy, MIXER Assy, DCK1 Assy, DCK2 Assy	8	OFF
V+1R25D	1.20 V	1.26 V	1.32 V	MAIN Assy	9	OFF
V+1R1 V+1R1_USBAHUB V+1R1_USBBHUB	1.09 V	1.15 V	1.21 V	MAIN Assy	10	OFF
V+1D	0.95 V	1.00 V	1.05 V	MAIN Assy	11	OFF
V+4R2D	3.95 V	4.19 V	4.45 V	MAIN Assy	12	OFF
V+1R375CORE	1.334 V	1.375 V	1.416 V	MAIN Assy	13	OFF
	1.261 V	1.300 V	1.339 V	MAIN Assy		
V+3R0VSNVS	2.85 V	3.00 V	3.15 V	MAIN Assy	14	OFF
V+1R5DDR	1.455 V	1.50 V	1.545 V	MAIN Assy	15	OFF
V+1R375SOC	1.334 V	1.375 V	1.416 V	MAIN Assy	16	OFF
	1.261 V	1.300 V	1.339 V	MAIN Assy		
V+2R8VHIGH	2.716 V	2.80 V	2.884 V	MAIN Assy	17	OFF
	2.910 V	3.00 V	3.090 V	MAIN Assy	18	
V+3R3D V+3R3D1 V+3R3D2 V+3R3D2_AD V+3R3D2_AD_MXR V+3R3D_AD_SH V+3R3D2_J V+3R3D2_AD_DCK	3.201 V	3.300 V	3.399 V	AUDIO Assy, MAIN Assy, UCOM Assy, LCDB Assy, JLCD1 Assy, JLCD2 Assy, PAD1 Assy, PAD2 Assy, EFSW Assy, MIXER Assy, CHF1 Assy, CHF2 Assy, CHF3 Assy, CHF4 Assy, DCK1 Assy, DCK2 Assy, JOG1 Assy, JOG2 Assy, TMP1 Assy, TMP2 Assy, CRF Assy	19	OFF
V+5USBA1 V+5USBA2	4.92 V	5.14 V	5.36 V	MAIN Assy	20	OFF
V+1R2D	1.24 V	1.26 V	1.27 V	JLCD1 Assy, JLCD2 Assy	21	OFF
VGH	14.82 V	15.60 V	16.38 V	LCDB Assy	22	OFF
VGL	-7.35 V	-7.00 V	-6.65 V	LCDB Assy	23	OFF
VAVDD	9.50 V	10.00 V	10.50 V	LCDB Assy	24	OFF
V+3R3D_CLK	3.20 V	3.30 V	3.40 V	AUDIO Assy	25	OFF
V+18A	17.47 V	18.00 V	18.53 V	AUDIO Assy	26	OFF
V-18A	-18.86 V	-18.00 V	-17.16 V	AUDIO Assy	27	OFF
V+15A	14.25 V	15.00 V	15.75 V	AUDIO Assy, MCIN Assy	28	OFF
V-15A	-15.75 V	-15.00 V	-14.25 V	AUDIO Assy, MCIN Assy	29	OFF
V+7R5HP	7.29 V	7.50 V	7.72 V	AUDIO Assy	30	OFF
V-7R5HP	-7.88 V	-7.50 V	-7.11 V	AUDIO Assy	31	OFF
V+9A	8.65 V	9.00 V	9.35 V	AUDIO Assy	32	OFF
V+5A	4.80 V	5.00 V	5.20 V	AUDIO Assy	33	OFF
V+3R3A	3.20 V	3.30 V	3.40 V	AUDIO Assy	34	OFF
V+5AREF	4.80 V	5.00 V	5.20 V	AUDIO Assy	35	OFF
BL_A	9.12 V	10.02 V	10.92 V	MAIN Assy, LCDB Assy	36	OFF

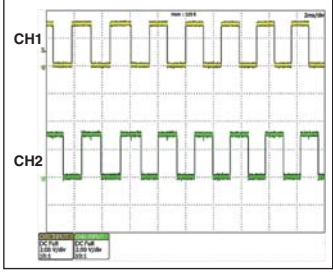
10.70 WAVEFORMS

NOTE: The following waveforms were measured at the point of the corresponding balloon number in the schematic diagram and PCB diagram.

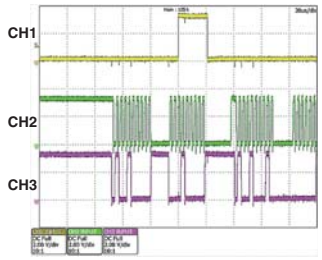
注意: ◯で囲まれた数字は回路図及びPCB図の各測定ポイントの番号を示します.

AA JLCD1 ASSY **AB** JLCD2 ASSY **AE** LCDB ASSY

1 **JOG rotate signal**
CH1: **CN3004/CN3204 - pin 1 (JOG1)**
V: 2 V/div. H: 2 ms/div.
CH2: **CN3004/CN3204 - pin 2 (JOG2)**
V: 2 V/div. H: 2 ms/div.



2 **Touch panel control signal**
CH1: **CN3601 - pin 44 (TPNL_XINT)**
V: 2 V/div. H: 20 µs/div.
CH2: **CN3601 - pin 41 (TPNL_SCL)**
V: 2 V/div. H: 20 µs/div.
CH3: **CN3601 - pin 43 (TPNL_SDA)**
V: 2 V/div. H: 20 µs/div.



■ AUDIO SECTION

Measurement Condition

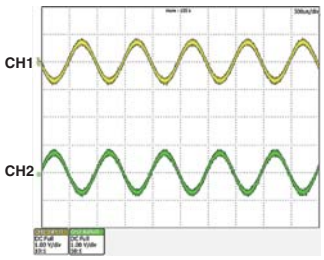
IN or OUT	Measured CH	IN CH	IN Level	IN Frequency	RL	Remarks
OUT	MASTER1	CH2	0 dBfs	1kHz	10 kΩ	MASTER2: same conditions
OUT	BOOTH	CH2	0 dB	1kHz	10 kΩ	
OUT	HP	CH2	0 dB	1kHz	32 Ω	
IN	LINE	CH2	0 dB	1kHz		CH1: same conditions
IN	PHONO	CH2	-40 dB	1kHz		CH1: same conditions
IN	AUX	AUX	-30 dB	1kHz		
IN	MIC	MIC2	-40 dB	1kHz		MIC1: same conditions, TS JACK

Each SW/VR Position

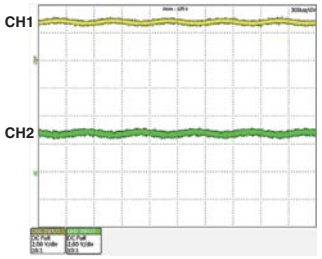
Name	Position	Name	Position
TRIM	CENTER	TEMPO SLIDER	CENTER
EQ	CENTER	FX PARAMETER	CENTER
CH FADER	MAX	COLOR	CENTER
MIC SW	ON	MASTER LEVEL	CENTER
MIC LEVEL	CENTER	BOOTH MONITOR	CENTER
MIC EQ	CENTER	HP LEVEL	CENTER
CROSS FADER	CENTER	BALANCE	CENTER
CROSS FADER CURVE	CENTER	Master EQ	CENTER
CROSS FADER ASSIGN	THRU		

B AUDIO ASSY

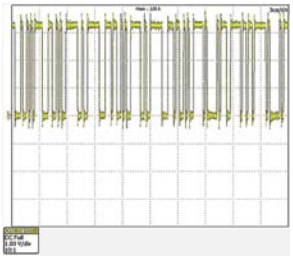
A-1 **MASTER1 OUTPUT**
Input: 0 dB 1 kHz Sine wave (USB memory playback)
CH1: **JA6002 - pin 2 (Lch HOT)**
V: 1 V/div. H: 500 µs/div.
CH2: **JA6002 - pin 3 (Lch COLD)**
V: 1 V/div. H: 500 µs/div.



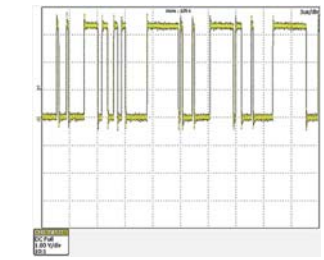
A-2 **Master DAC OUTPUT**
CH1: **IC5802 - pin 37 (MASTER_L+)**
V: 2 V/div. H: 500 µs/div.
CH2: **IC5802 - pin 36 (MASTER_L-)**
V: 2 V/div. H: 500 µs/div.



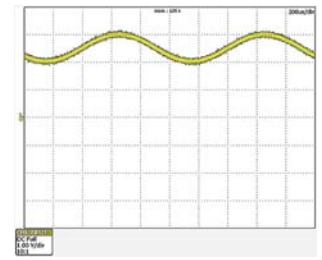
A-3 **Master DAC INPUT(ADAT_M, ADAT_B, ADAT_S)**
Input: 0 dB Sine wave
IC5802 - pin 6 (ADAT_M)
IC5802 - pin 5 (ADAT_B)
IC5802 - pin 7 (ADAT_S)
V: 1 V/div. H: 5 µs/div.



A-4 **CH3/CH4/AUX/MIC ADC AUDIO DATA OUTPUT**
IC5204 - pin 9 (ADAT_CH3)
IC5404 - pin 9 (ADAT_CH4)
IC5603 - pin 9 (ADAT_AUX)
IC5604 - pin 9 (ADAT_MIC)
V: 1 V/div. H: 5 µs/div.



A-5 **CH3/CH4/AUX/MIC ADC AUDIO SIGNAL INPUT**
IC5204 - pin 1, 2 (AINR, AINL)
IC5404 - pin 1, 2 (AINR, AINL)
IC5603 - pin 1, 2 (AINR, AINL)
IC5604 - pin 1, 2 (AINR, AINL)
V: 1 V/div. H: 200 µs/div.



11. PCB CONNECTION DIAGRAM
11.1 MAIN ASSY

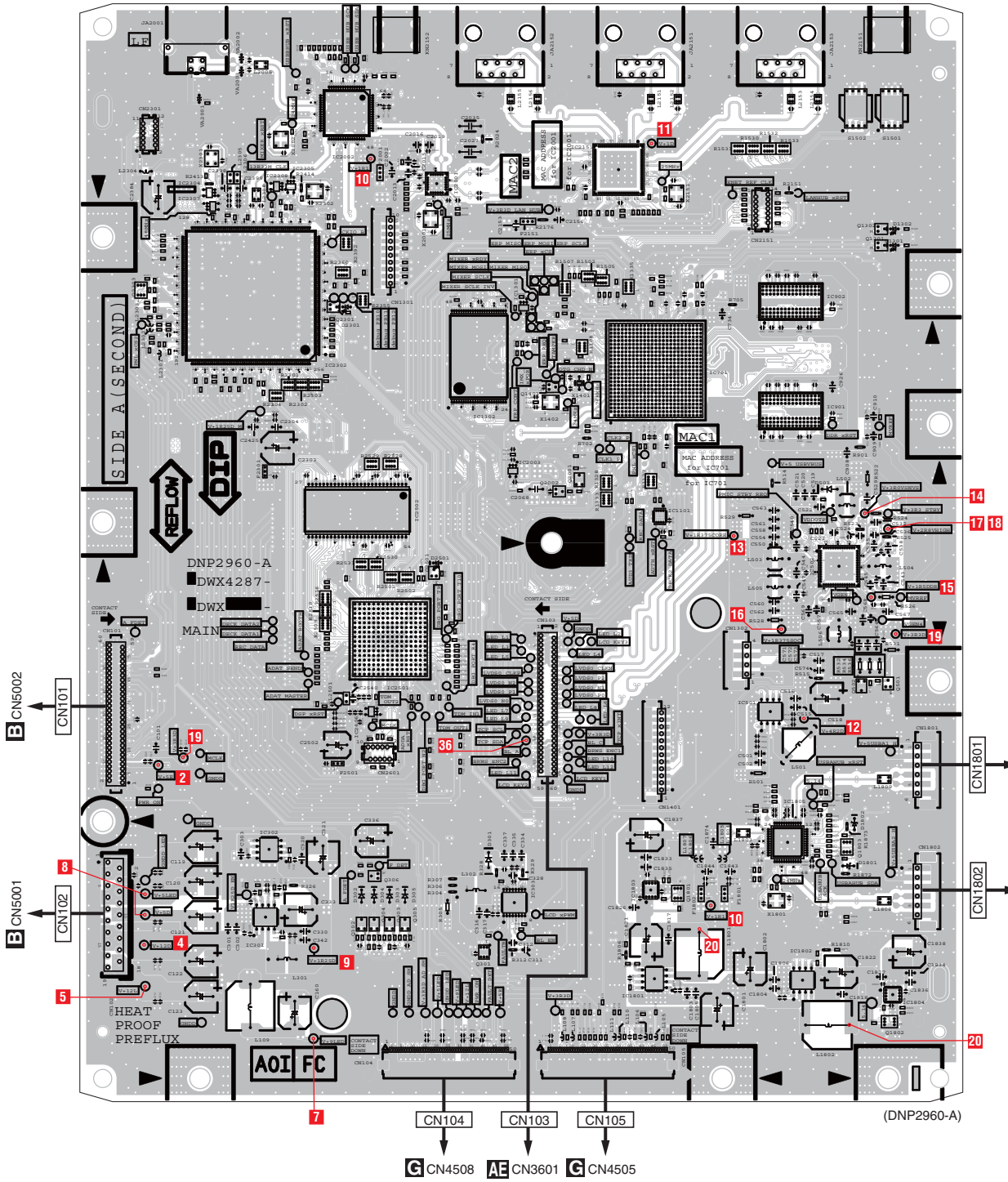
SIDE A

PCB 図に対する注意
1. この PCB 図にマウントしている部品は複数の仕向地の部品を含んでいます。各仕向地の情報は、回路図で確認するようにしてください。
2. PCB 図の見かた。

NOTE FOR PCB DIAGRAMS :
1. The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.
2. View point of PCB diagrams.

SIDE A

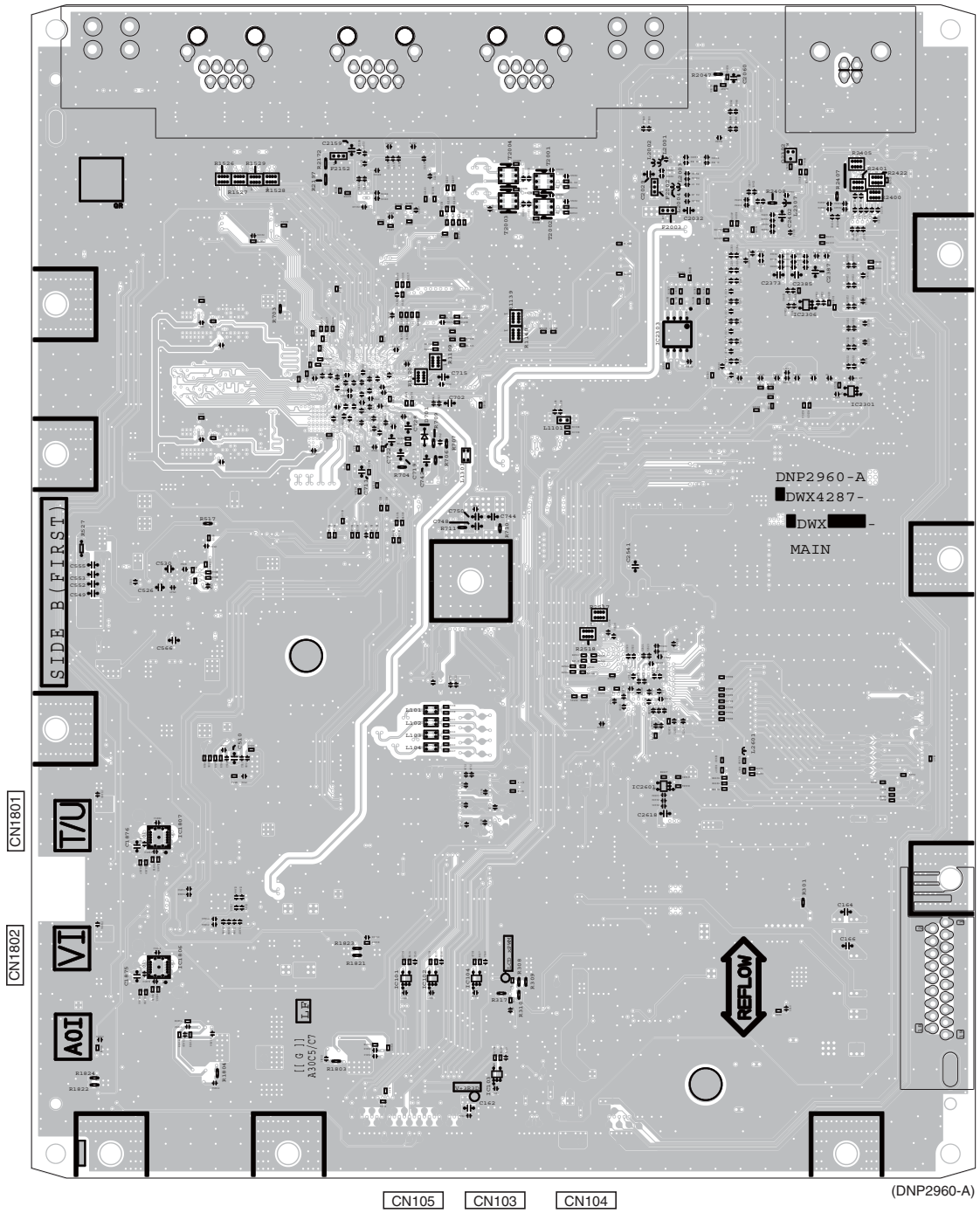
A MAIN ASSY



SIDE B

SIDE B

A MAIN ASSY



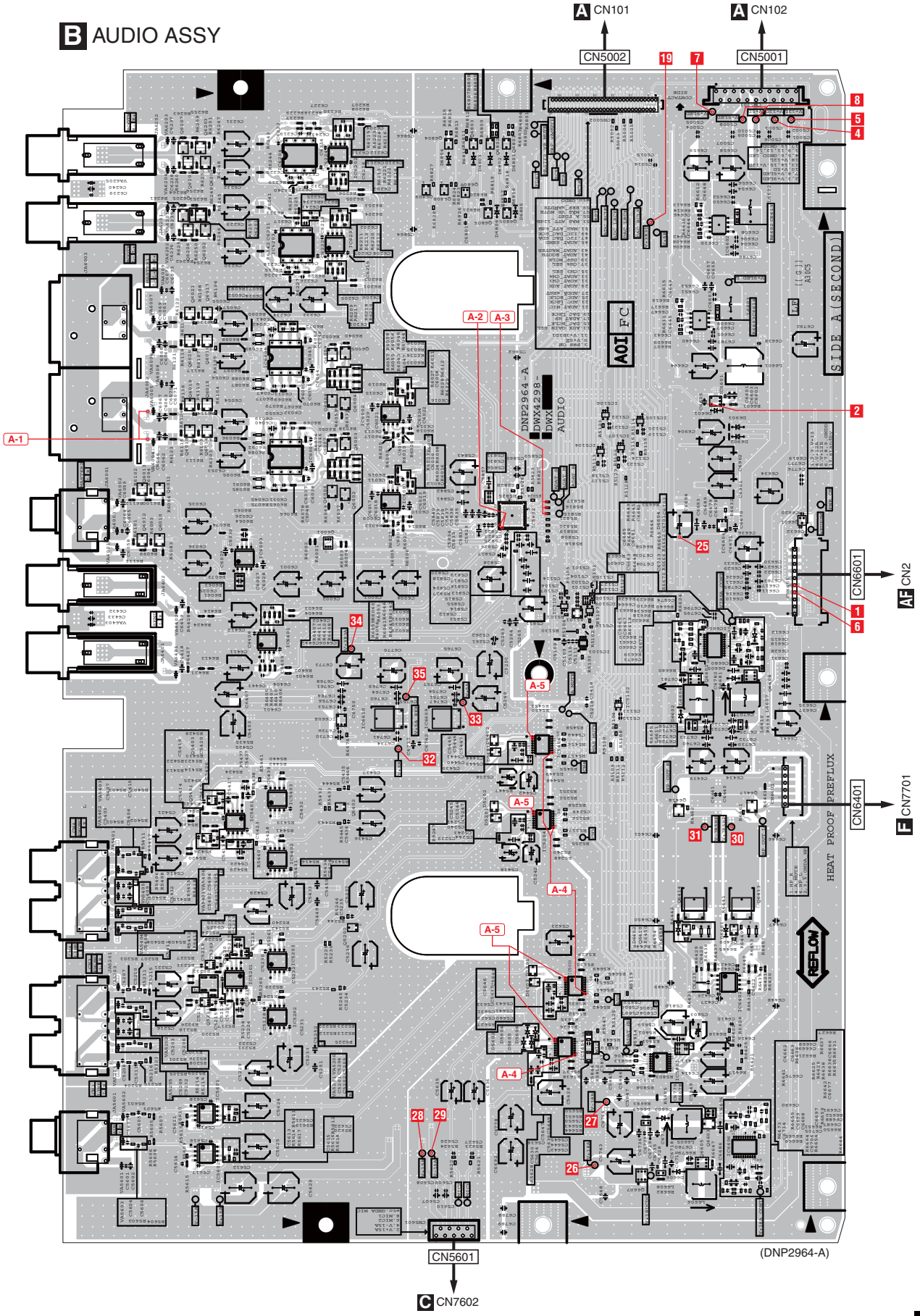
(DNP2960-A)

11.2 AUDIO ASSY

SIDE A

SIDE A

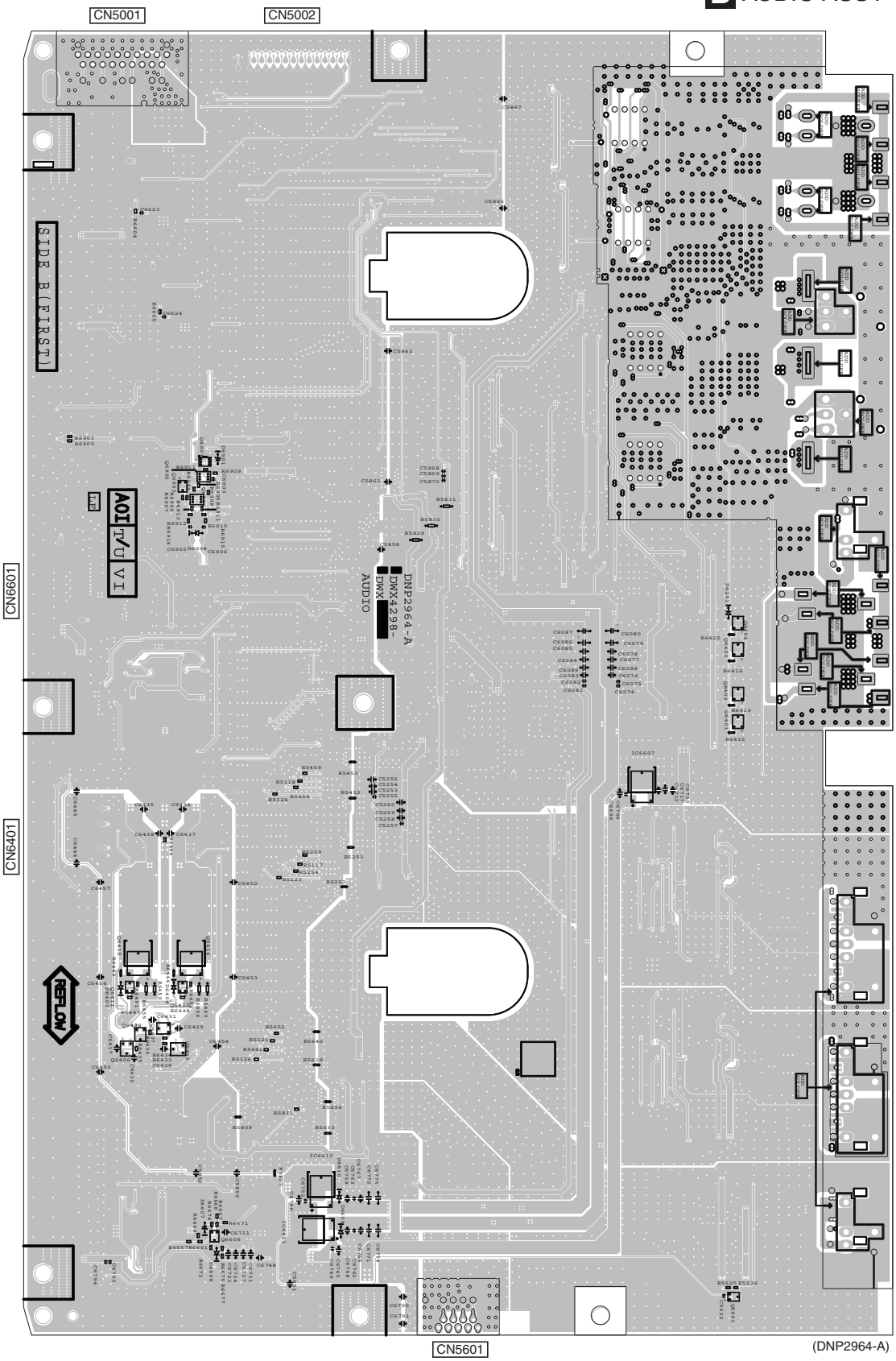
B AUDIO ASSY



SIDE B

SIDE B

B AUDIO ASSY



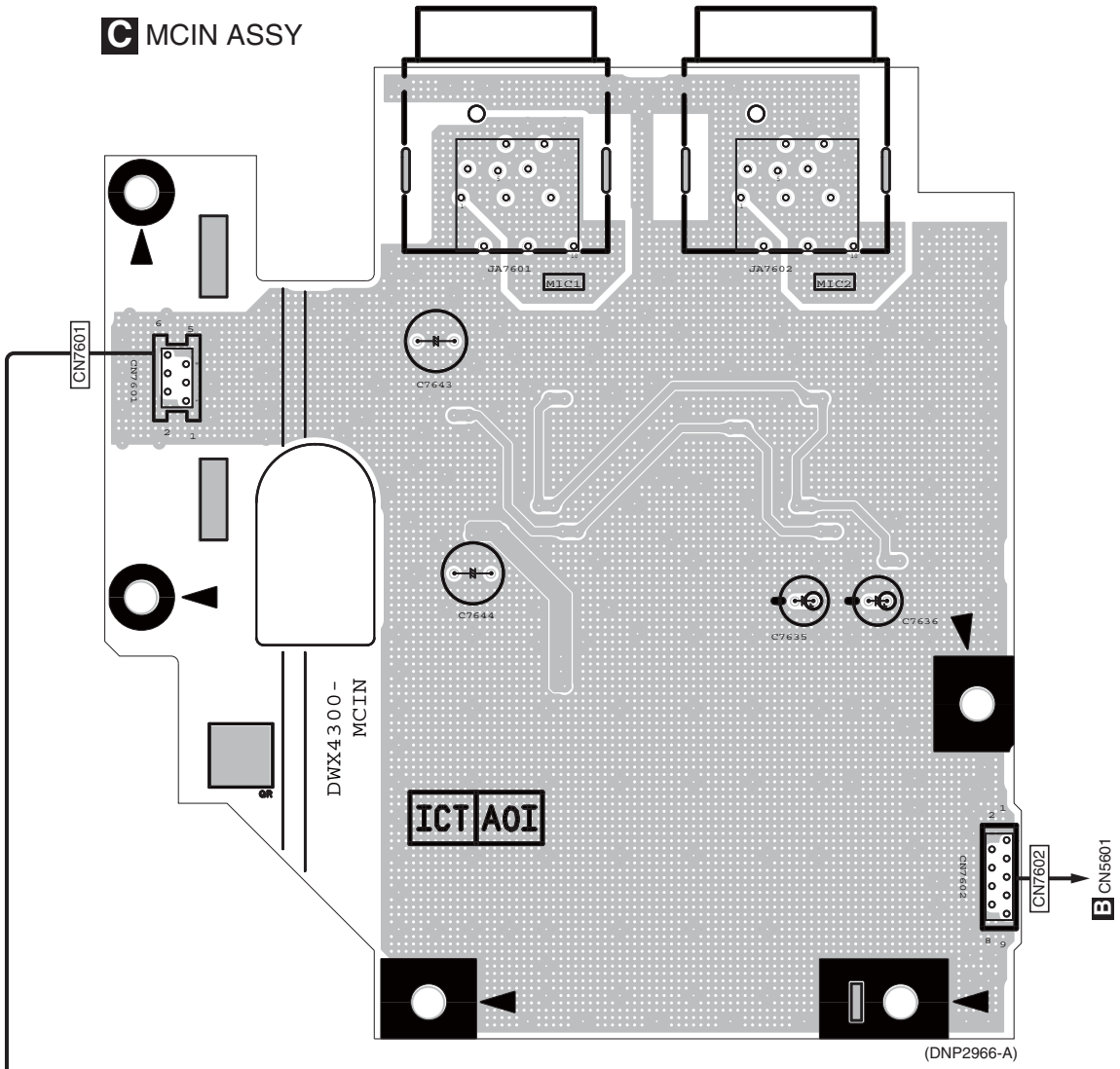
(DNP2964-A)

11.3 MCIN and MCTR ASSYS

SIDE A

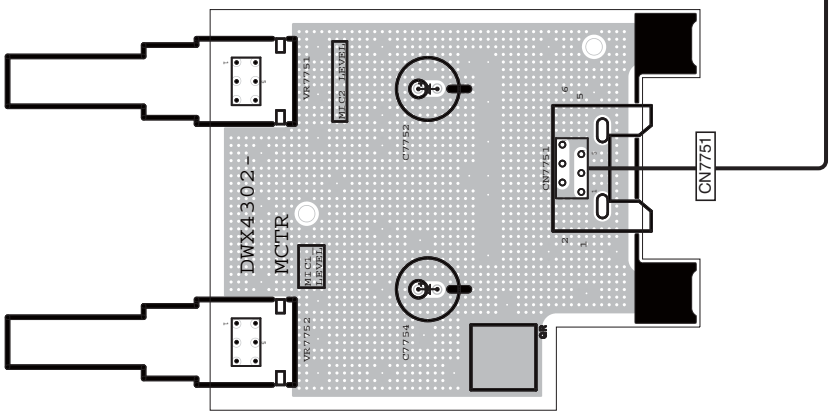
SIDE A

C MCIN ASSY



(DNP2966-A)

D MCTR ASSY



(DNP2966-A)

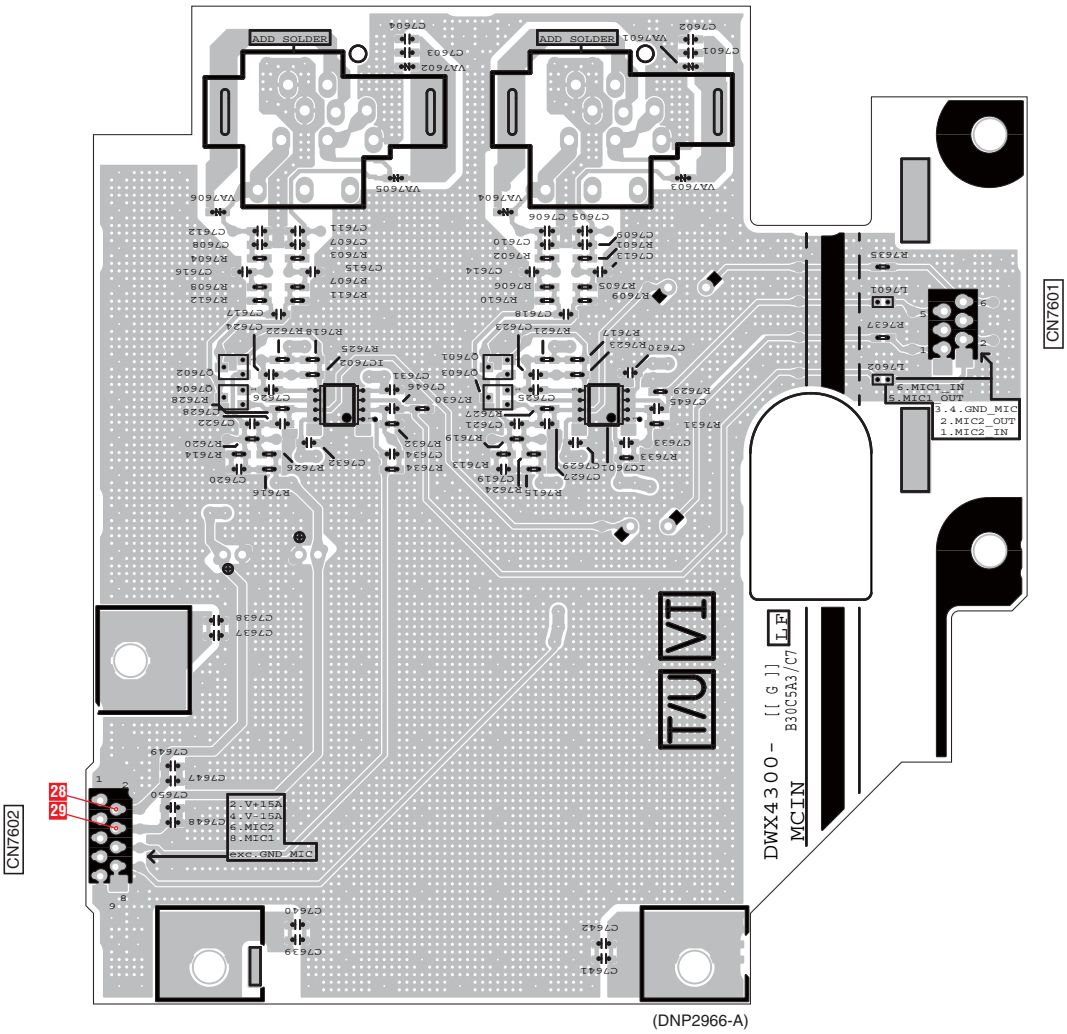
C D

C D

SIDE B

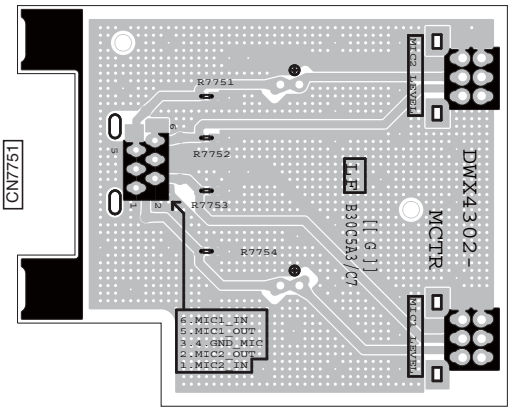
SIDE B

C MCIN ASSY



(DNP2966-A)

D MCTR ASSY



(DNP2966-A)

C D

C D

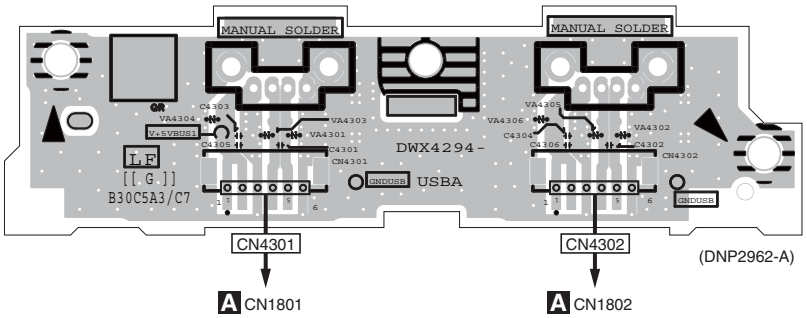
5 6 7 8

11.4 USBA ASSY

SIDE A

SIDE A

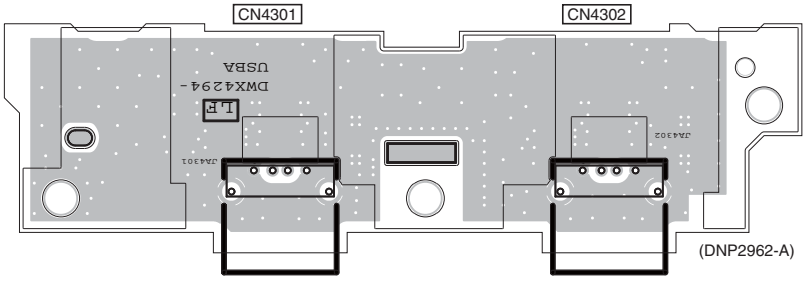
E USBA ASSY



SIDE B

SIDE B

E USBA ASSY

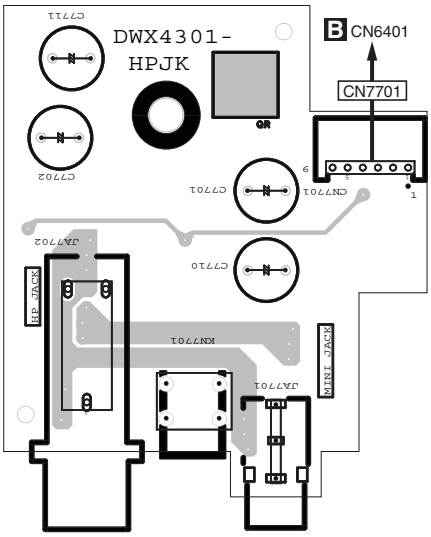


11.5 HPJK ASSY

SIDE A

SIDE A

F HPJK ASSY

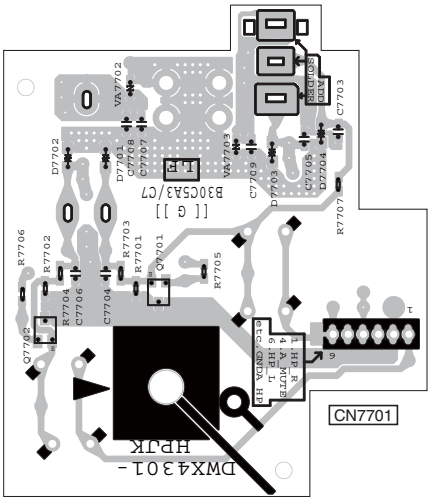


(DNP2966-A)

SIDE B

SIDE B

F HPJK ASSY



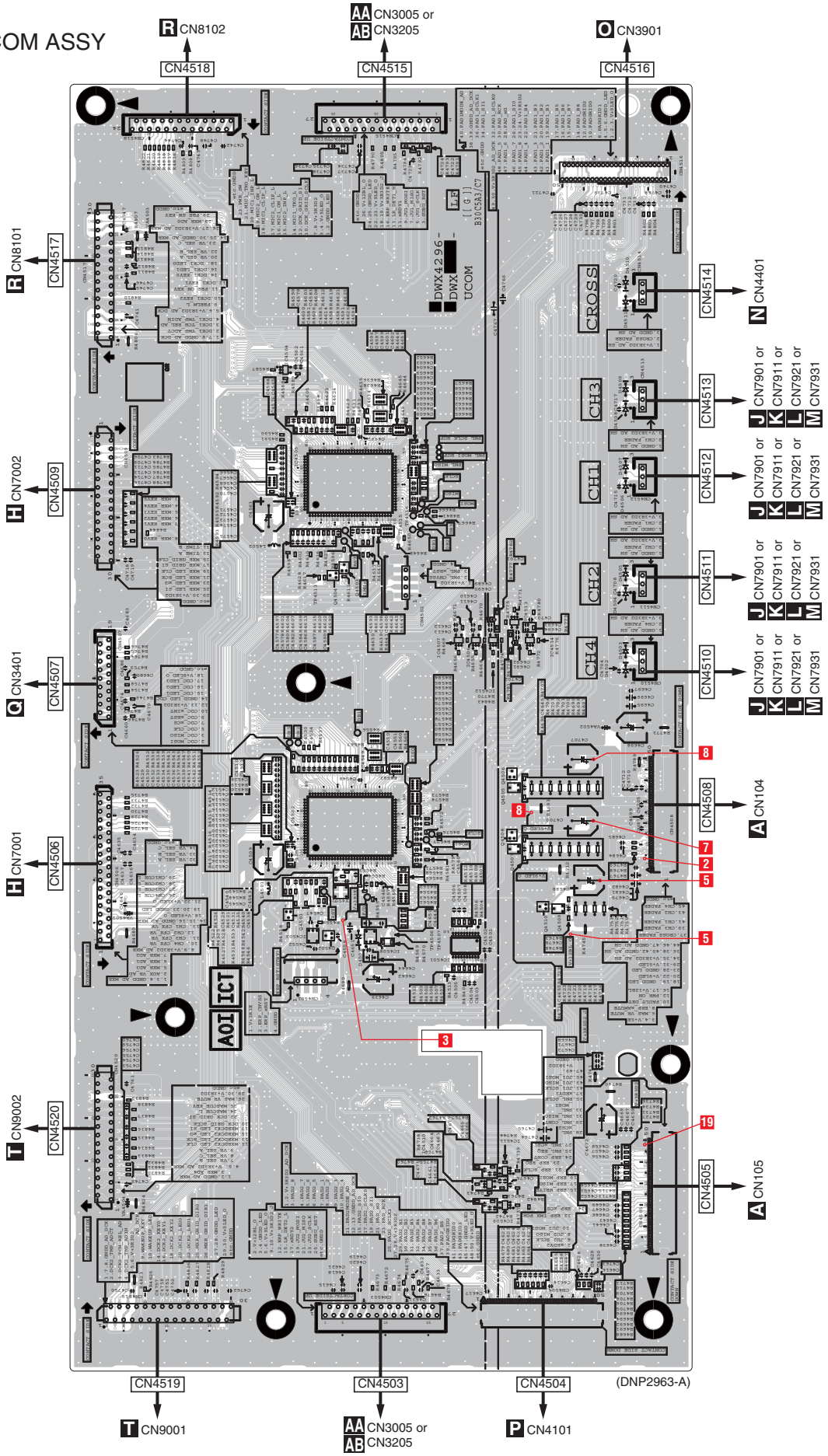
(DNP2966-A)

11.6 UCOM ASSY

SIDE A

SIDE A

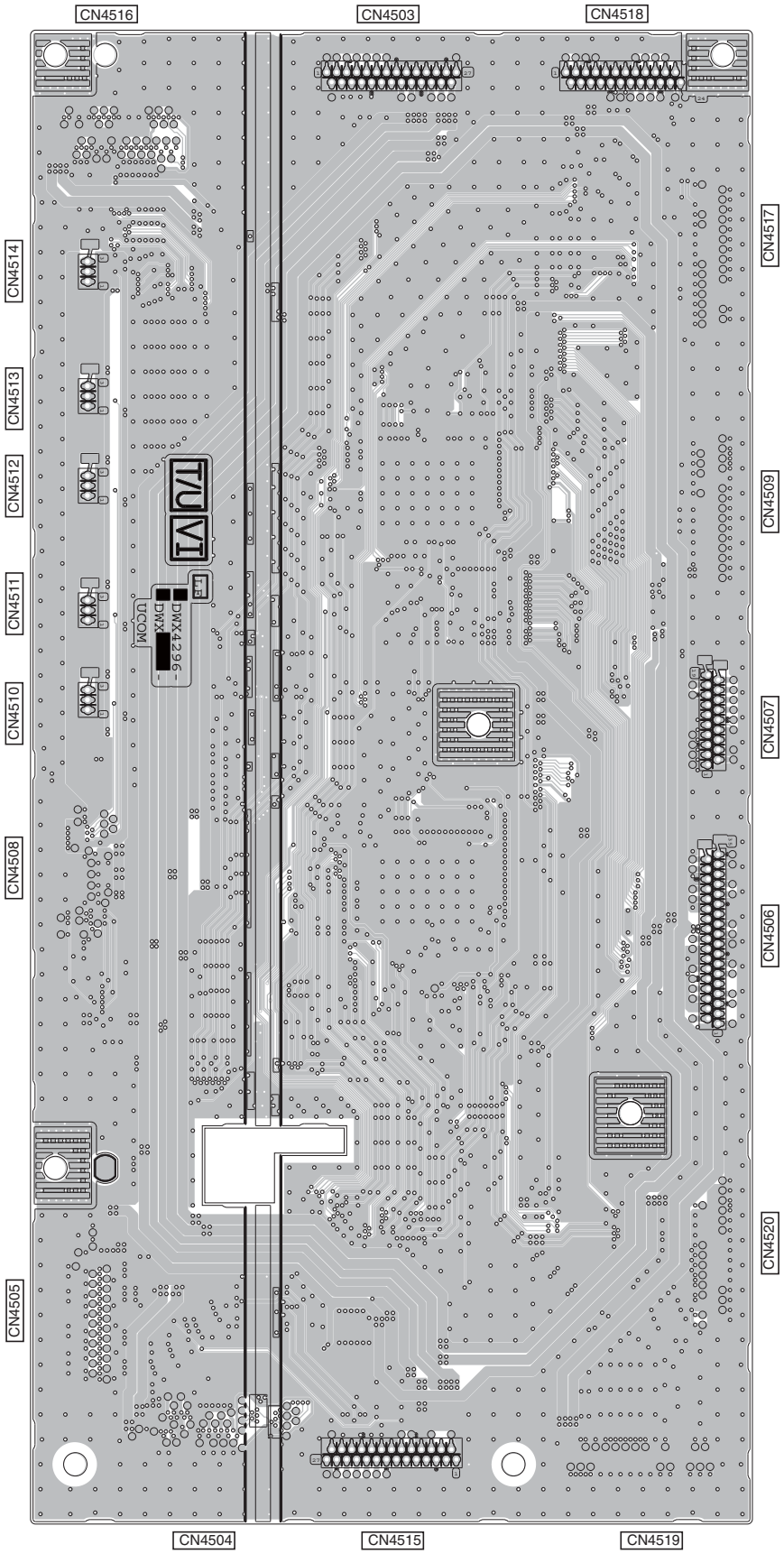
G UCOM ASSY



SIDE B

SIDE B

G UCOM ASSY



A B C D E F

G

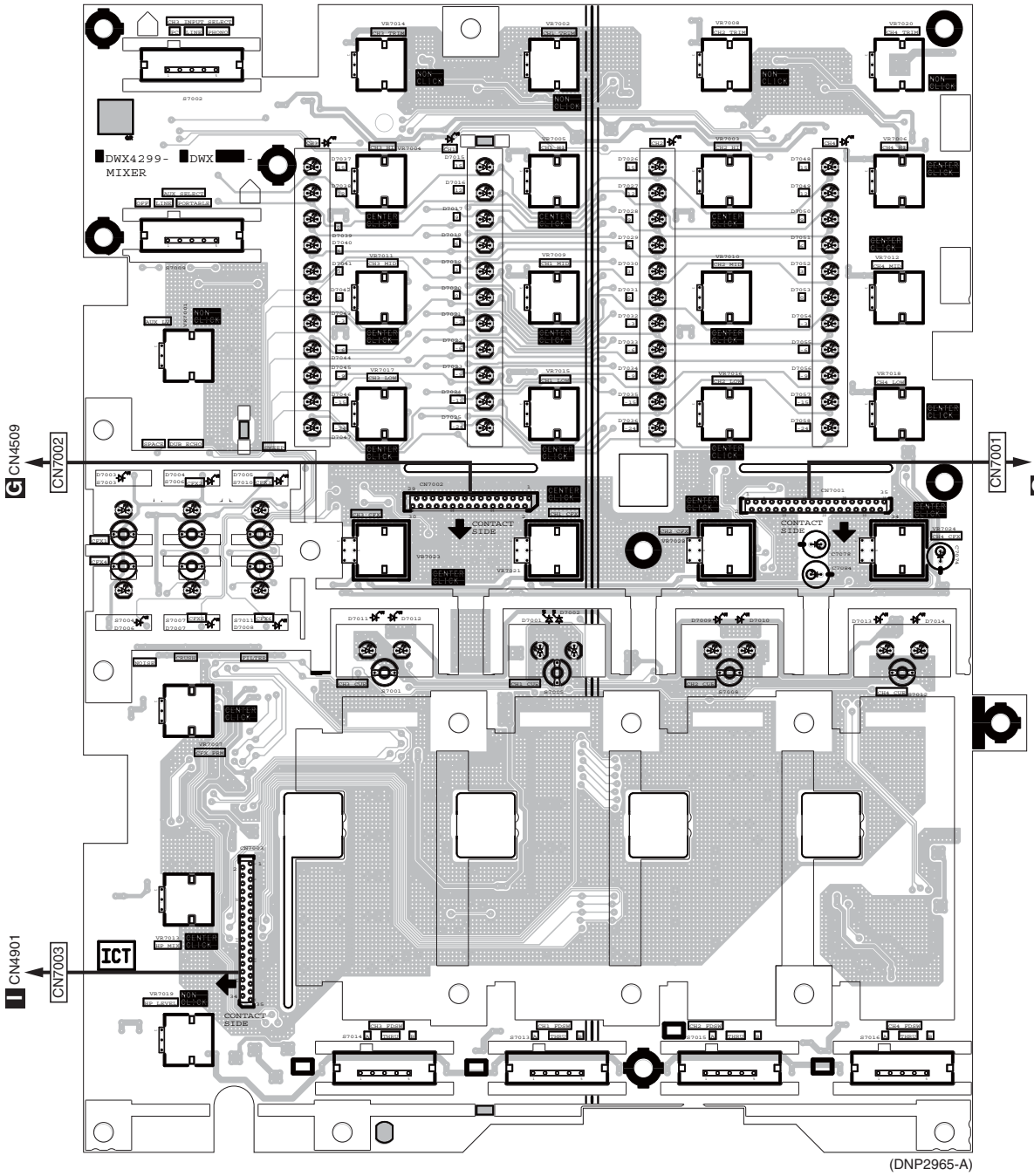
G

11.7 MIXER ASSY

SIDE A

SIDE A

H MIXER ASSY

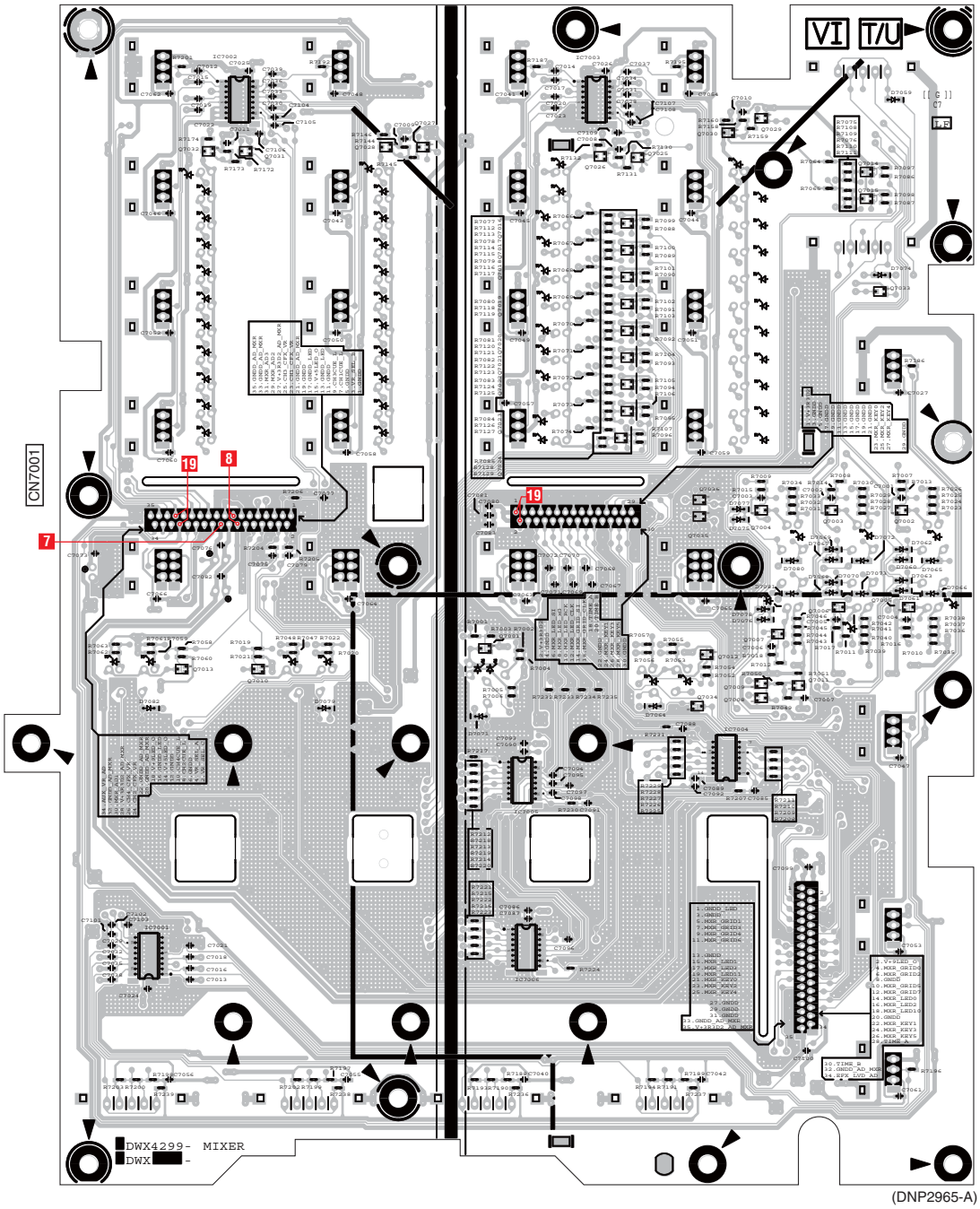


(DNP2965-A)

H

H

H MIXER ASSY



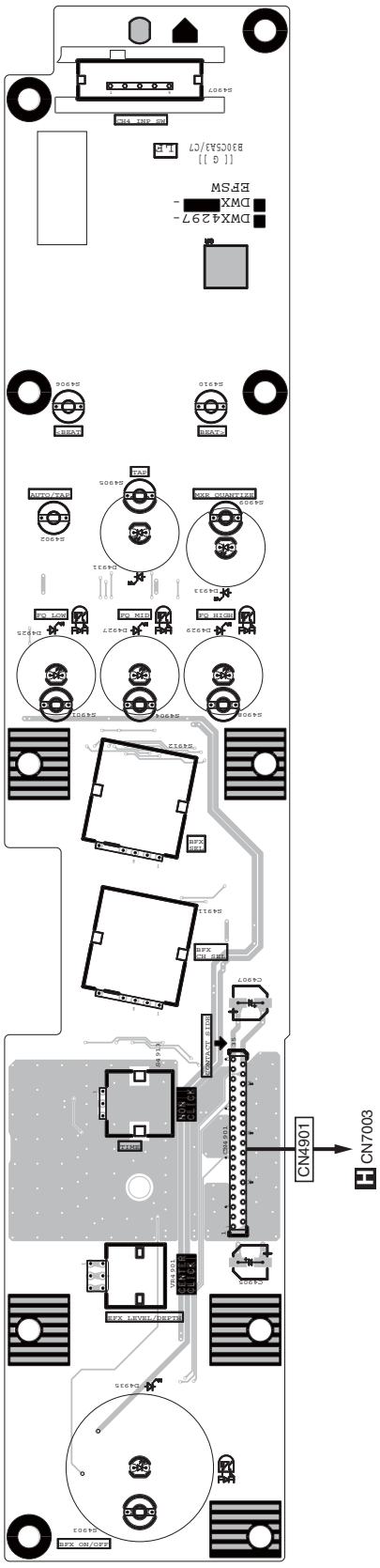
(DNP2965-A)

11.8 EFSW ASSY

SIDE A

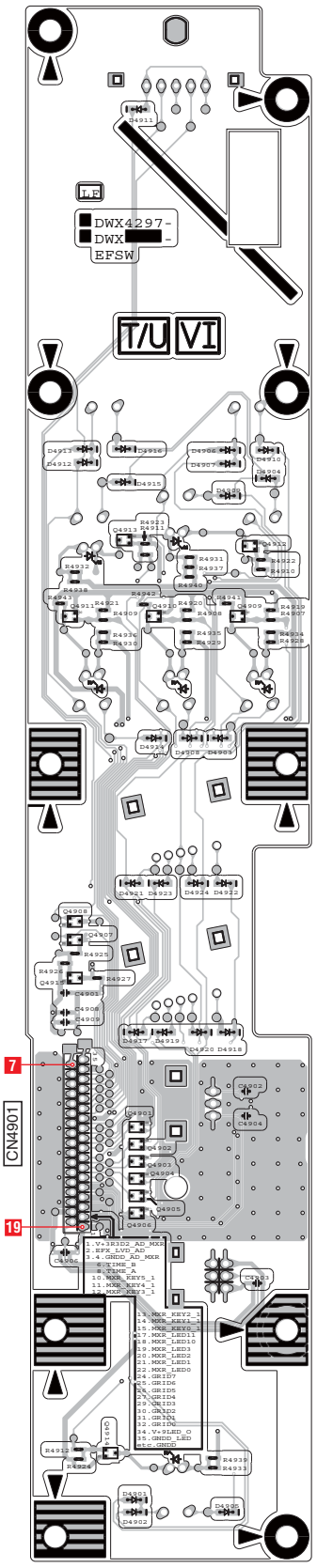
SIDE B

EFSW ASSY



(DNP2963-A)

EFSW ASSY



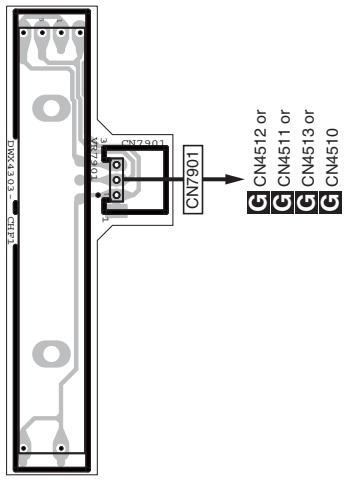
(DNP2963-A)

11.9 CHF1 to CHF4 and CRFD ASSYS

SIDE A

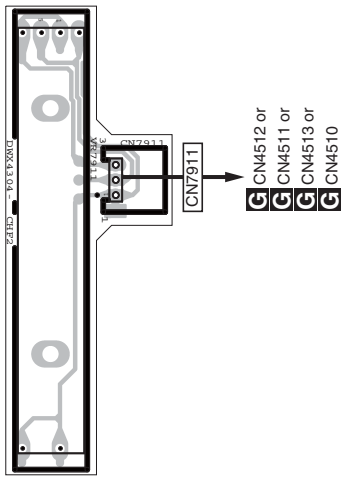
SIDE A

J CHF1 ASSY



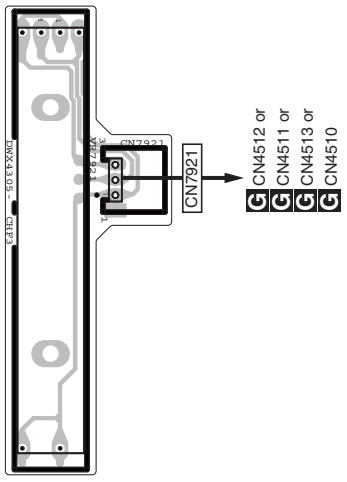
(DNP2966-A)

K CHF2 ASSY



(DNP2966-A)

L CHF3 ASSY



(DNP2967-A)

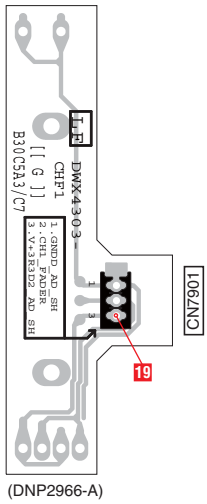
Note:
The 1 to 4 Assys of CHF Assys have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1, 2, 3 or 4 Assy of the respective Assys is assembled in the respective place.

注意：
CHF の 1 から 4 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 から 4 の ASSY を管理していません。
このためそれぞれの場所には 1 から 4 のいずれかの ASSY が配置されています。

SIDE B

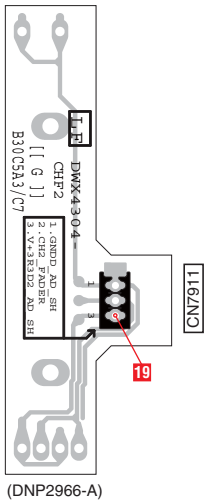
SIDE B

J CHF1 ASSY



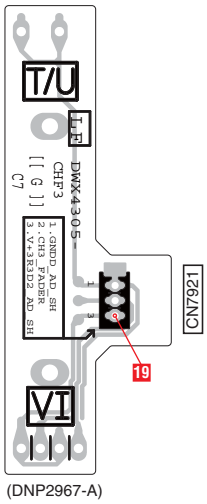
(DNP2966-A)

K CHF2 ASSY



(DNP2966-A)

L CHF3 ASSY

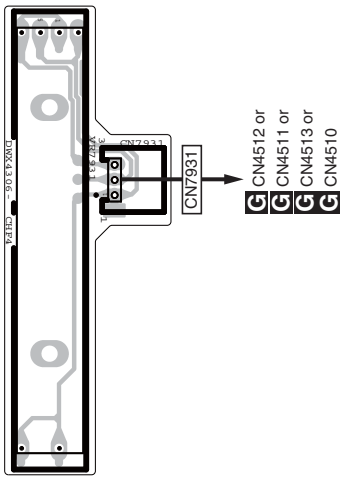


(DNP2967-A)

SIDE A

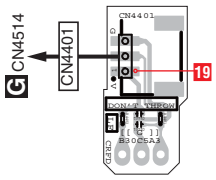
SIDE A

M CHF4 ASSY



(DNP2968-A)

N CRFD ASSY



(DNP2962-A)

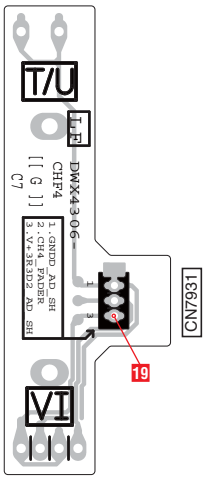
Note:
The 1 to 4 Assys of CHF Assys have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1, 2, 3 or 4 Assy of the respective Assys is assembled in the respective place.

注意：
CHF の 1 から 4 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 から 4 の ASSY を管理していません。
このためそれぞれの場所には 1 から 4 のいずれかの ASSY が配置されています。

SIDE B

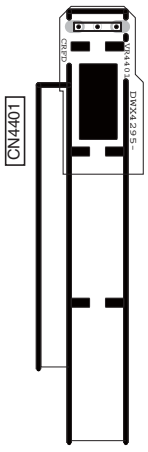
SIDE B

M CHF4 ASSY



(DNP2968-A)

N CRFD ASSY



(DNP2962-A)

M N

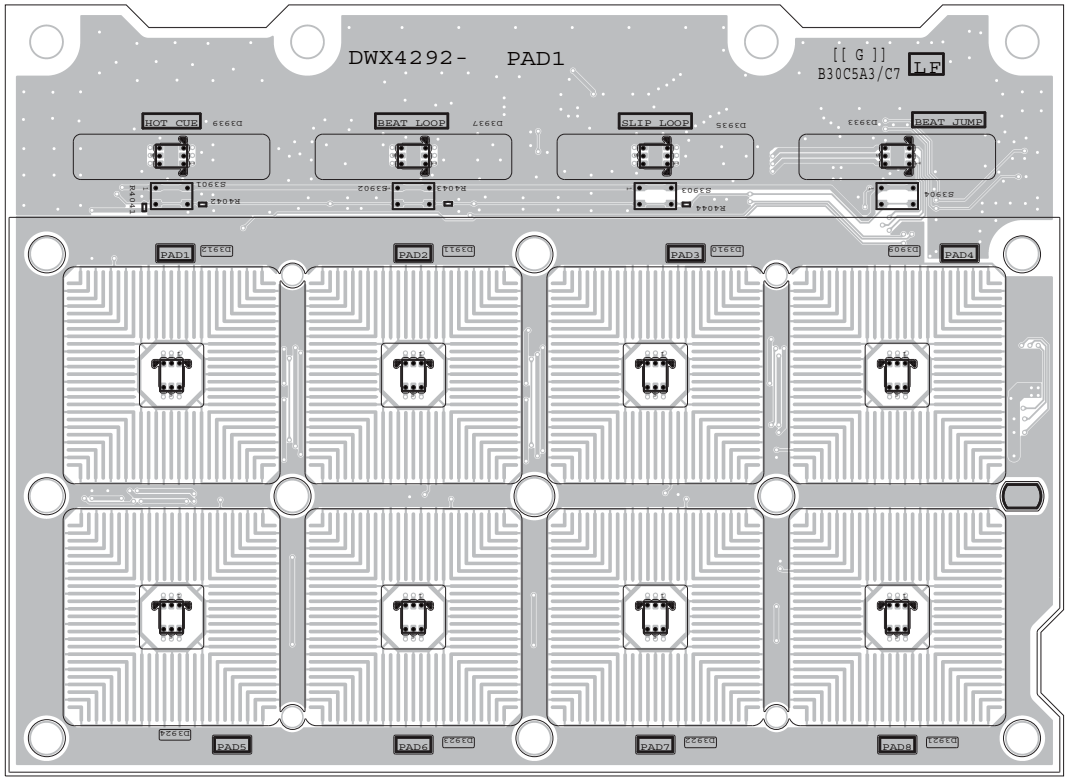
M N

11.10 PAD1 ASSY

SIDE A

SIDE A

O PAD1 ASSY

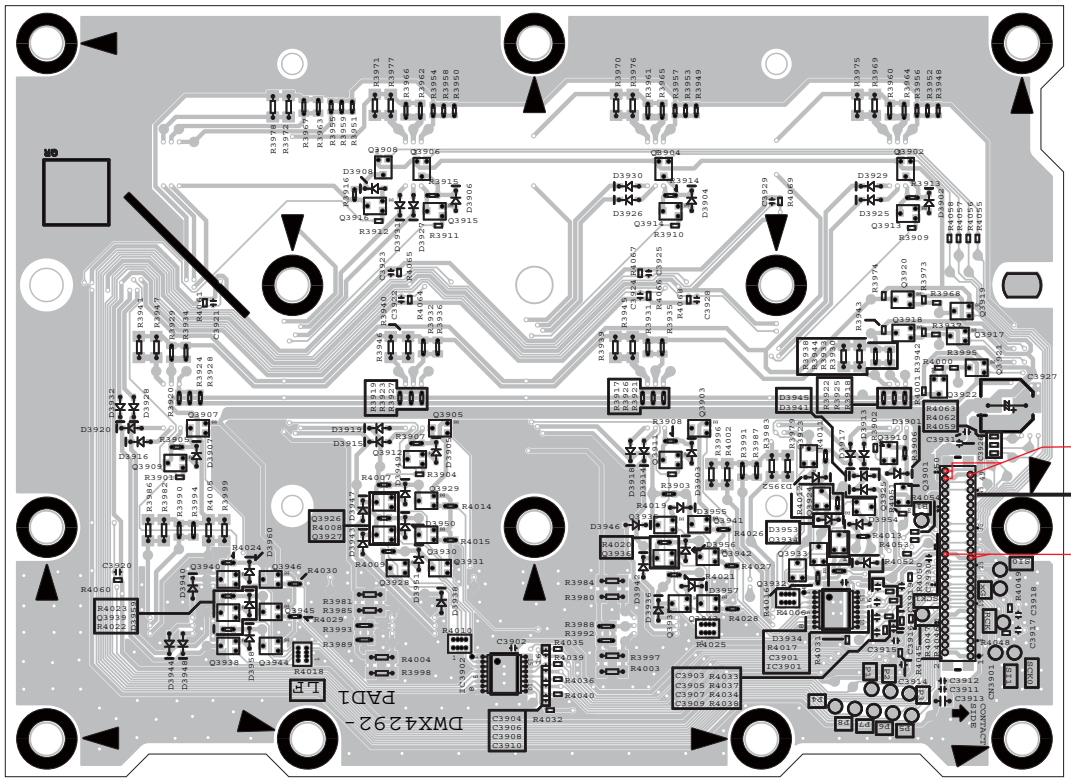


(DNP2962-A)

SIDE B

SIDE B

O PAD1 ASSY



(DNP2962-A)

O

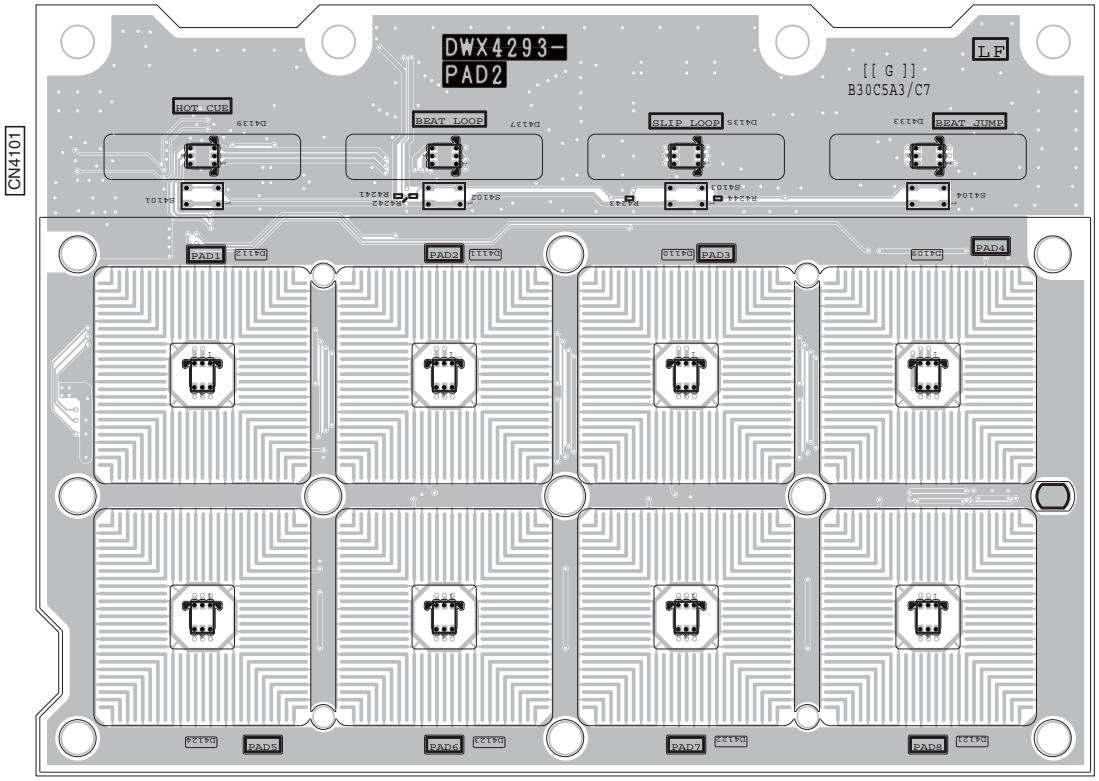
O

11.11 PAD2 ASSY

SIDE A

SIDE A

P PAD2 ASSY

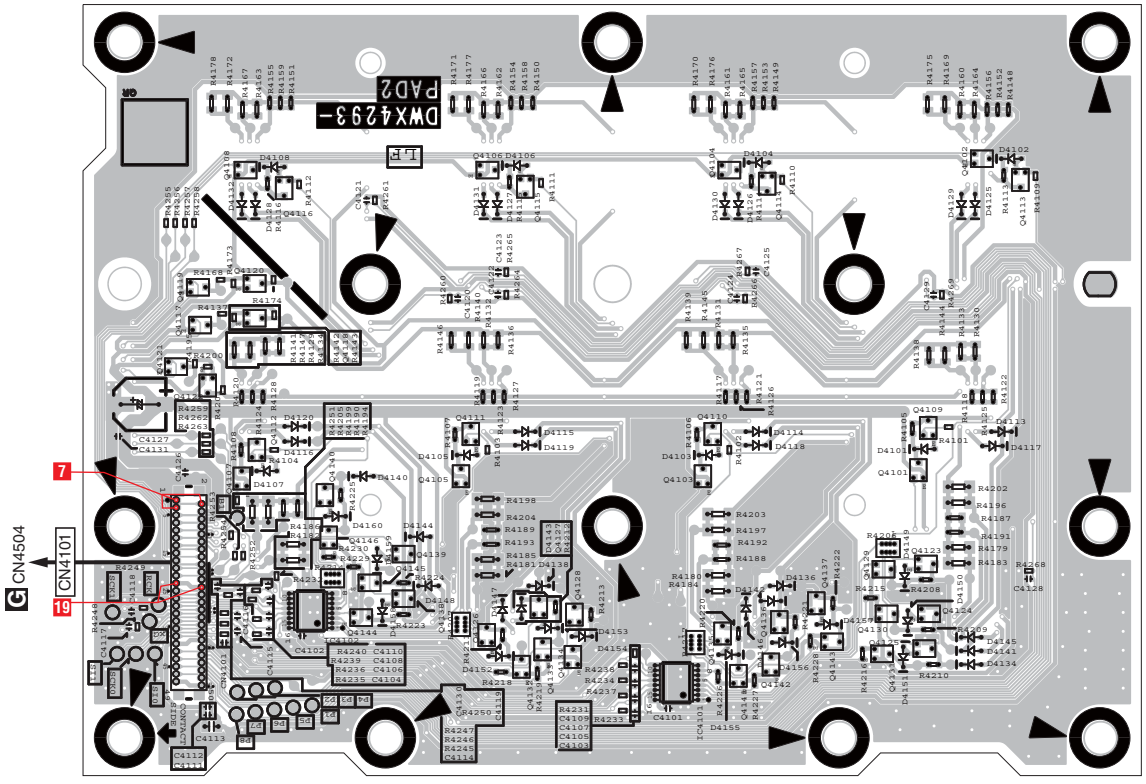


(DNP2962-A)

SIDE B

SIDE B

P PAD2 ASSY



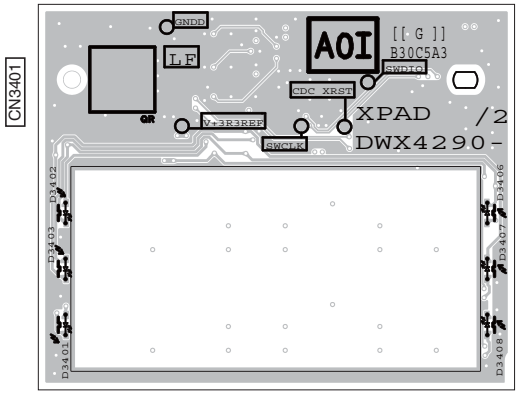
(DNP2962-A)

11.12 XPAD ASSY

SIDE A

SIDE A

Q XPAD ASSY

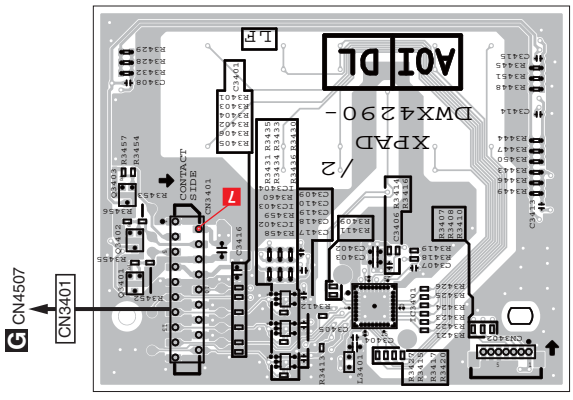


(DNP2961-A)

SIDE B

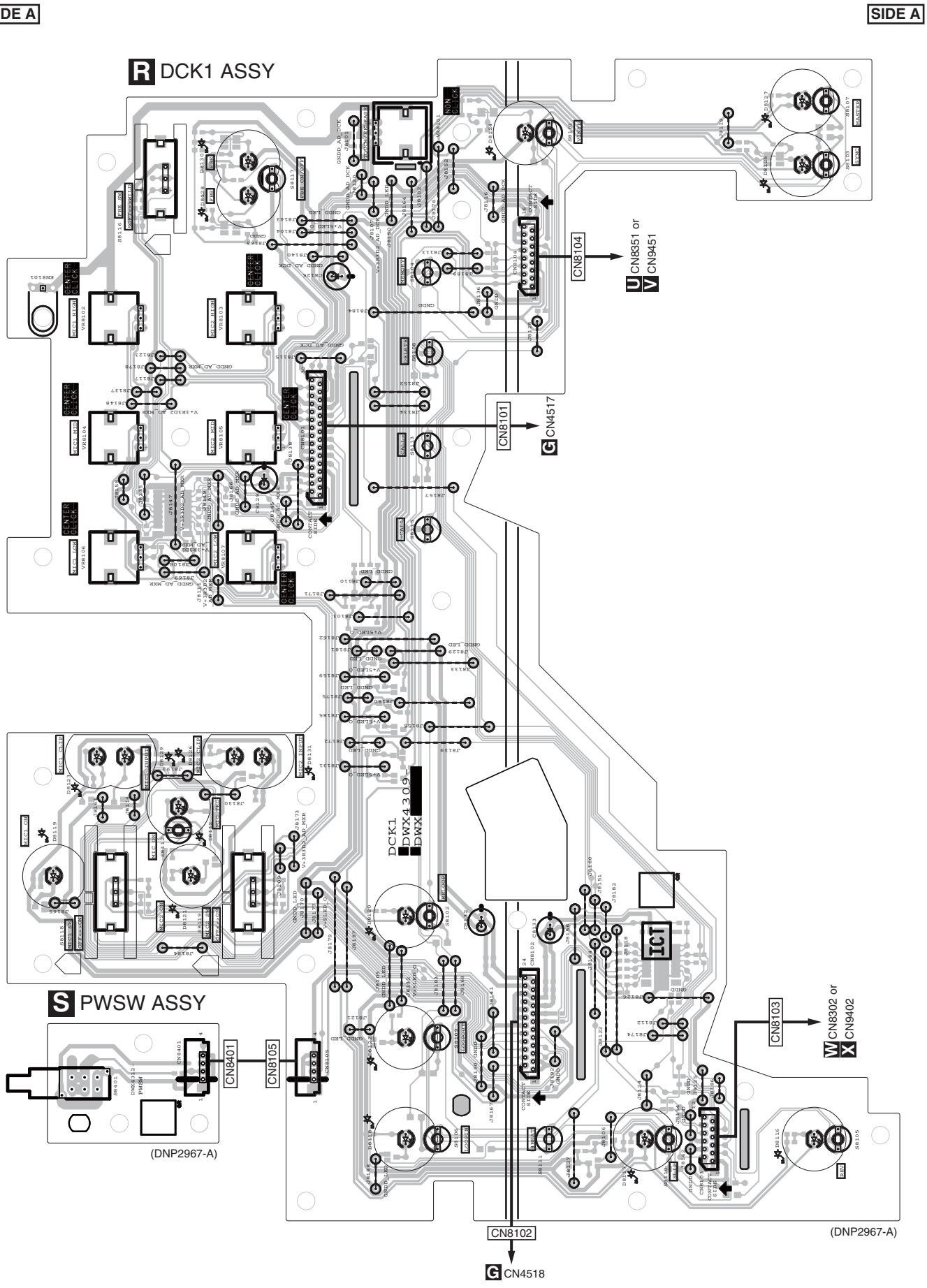
SIDE B

Q XPAD ASSY



(DNP2961-A)

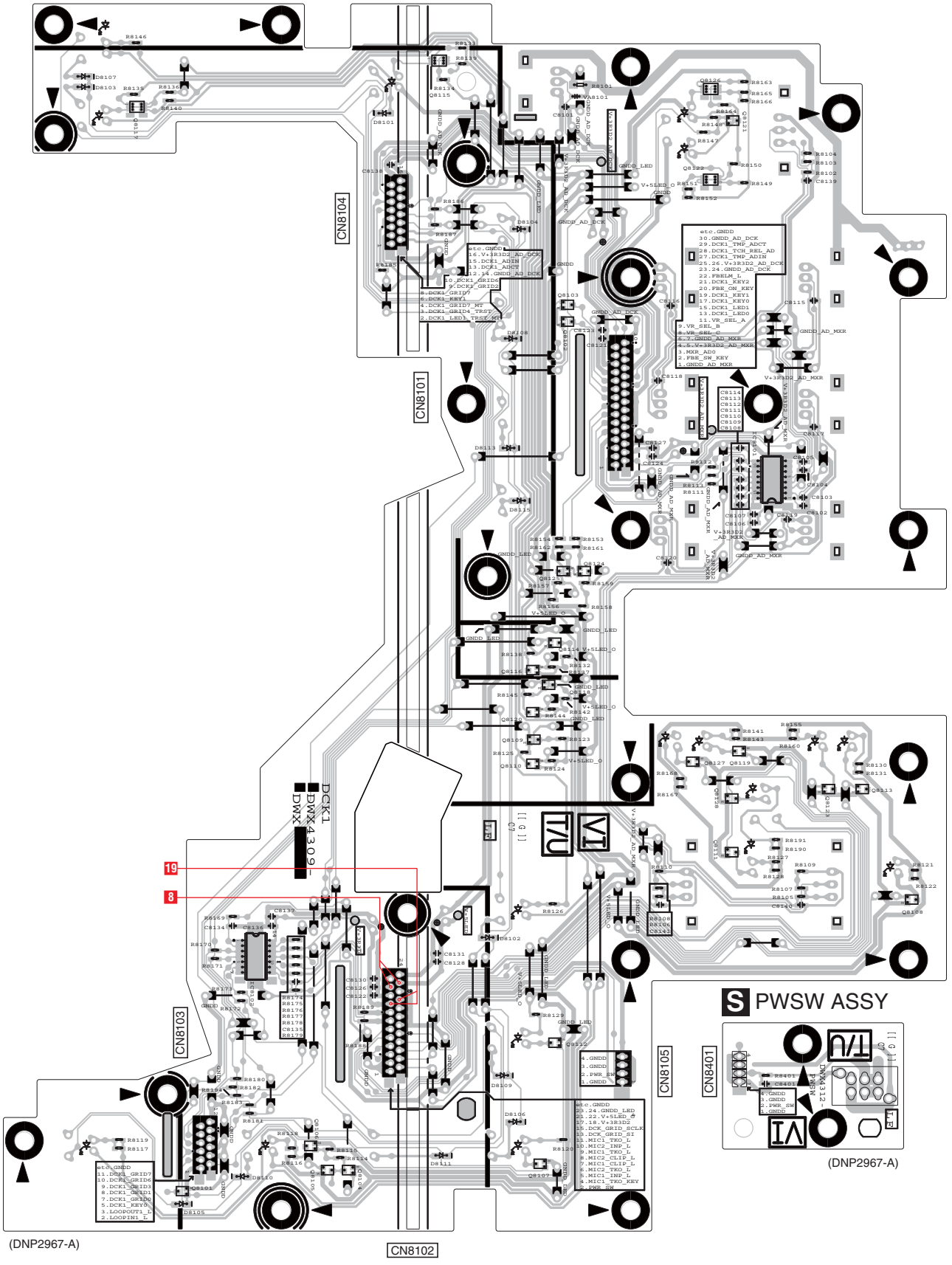
11.13 DCK1 and PWSW ASSYS



SIDE B

SIDE B

R DCK1 ASSY



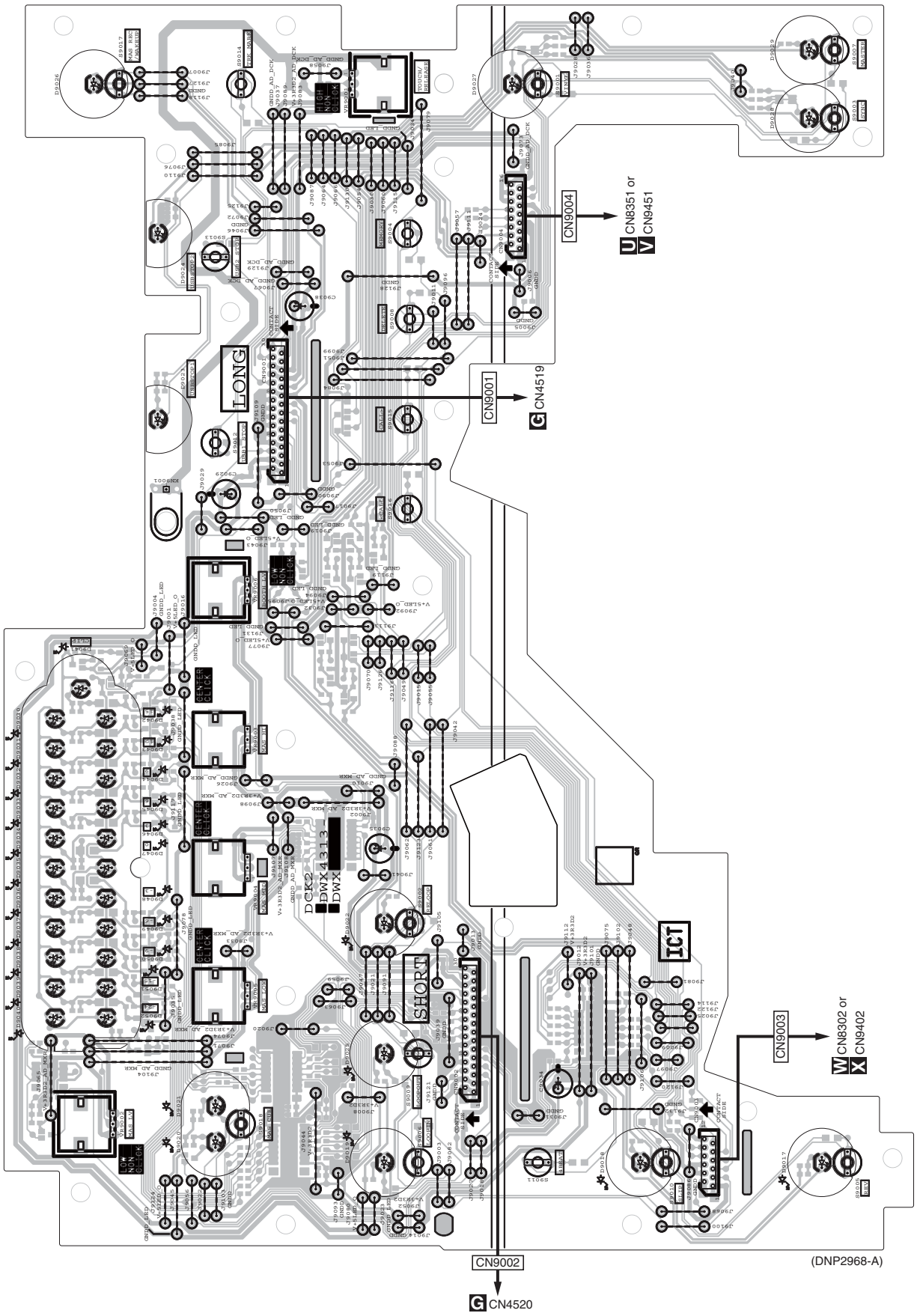
S PWSW ASSY

11.14 DCK2 ASSY

SIDE A

SIDE A

T DCK2 ASSY



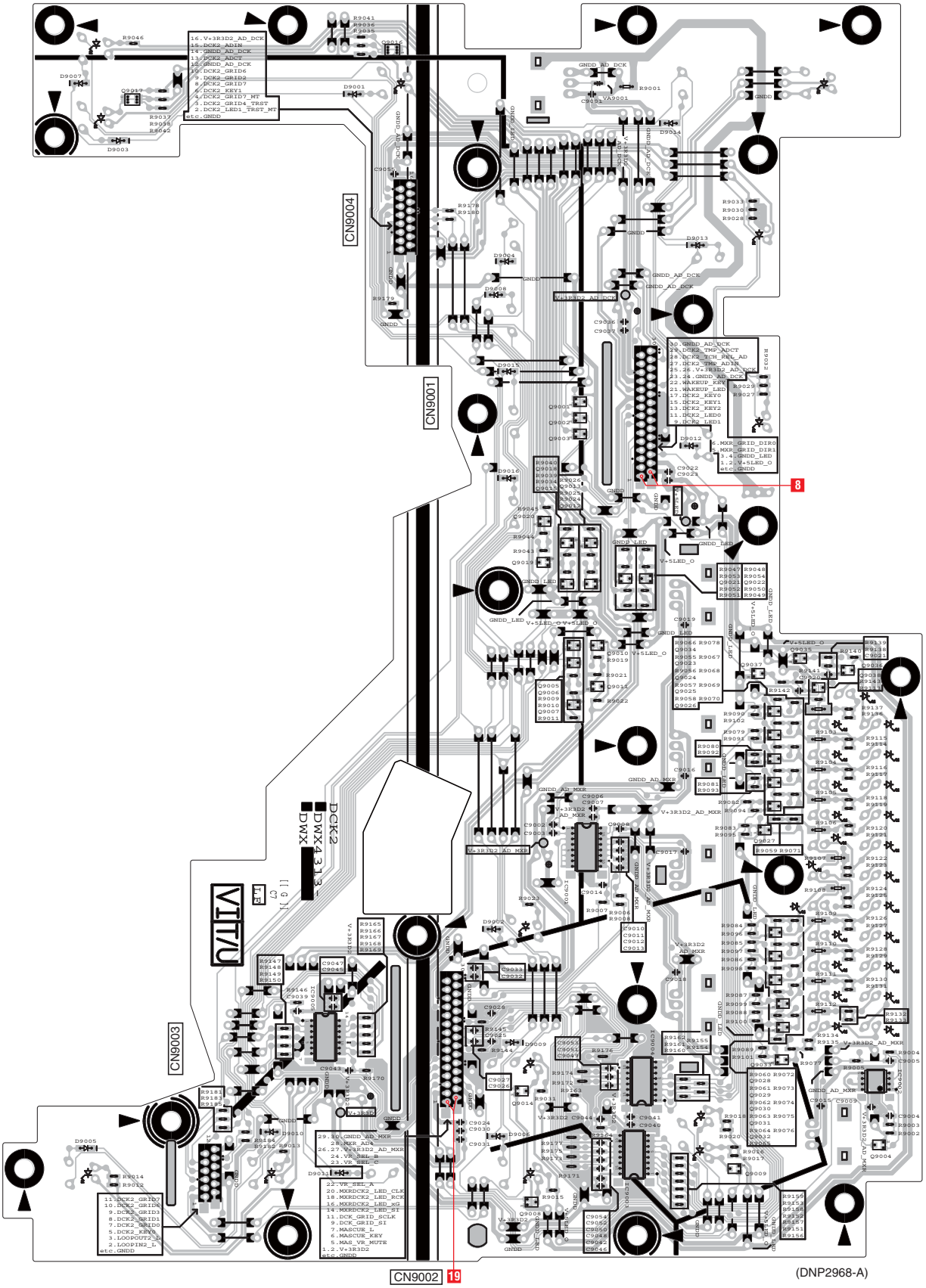
T

T

SIDE B

SIDE B

DCK2 ASSY



(DNP2968-A)

A B C D E F

11.15 TMP1 and TMP2 ASSYS

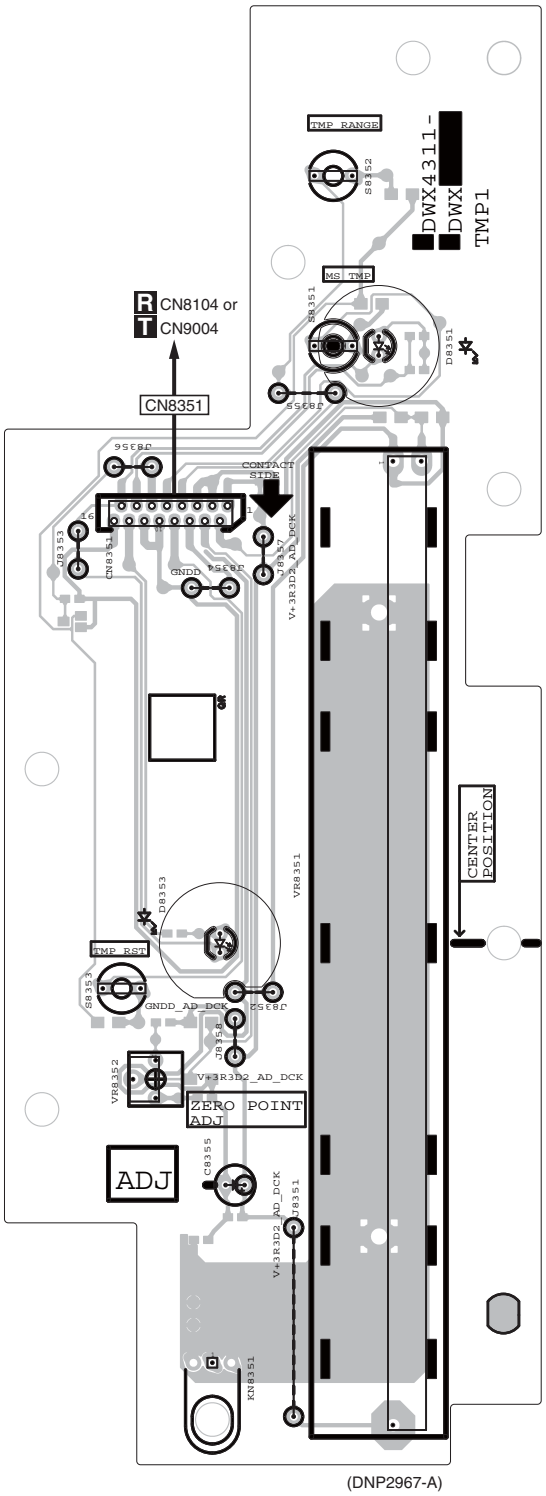
SIDE A

SIDE B

Note:
The 1 and 2 Assys of TMP Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

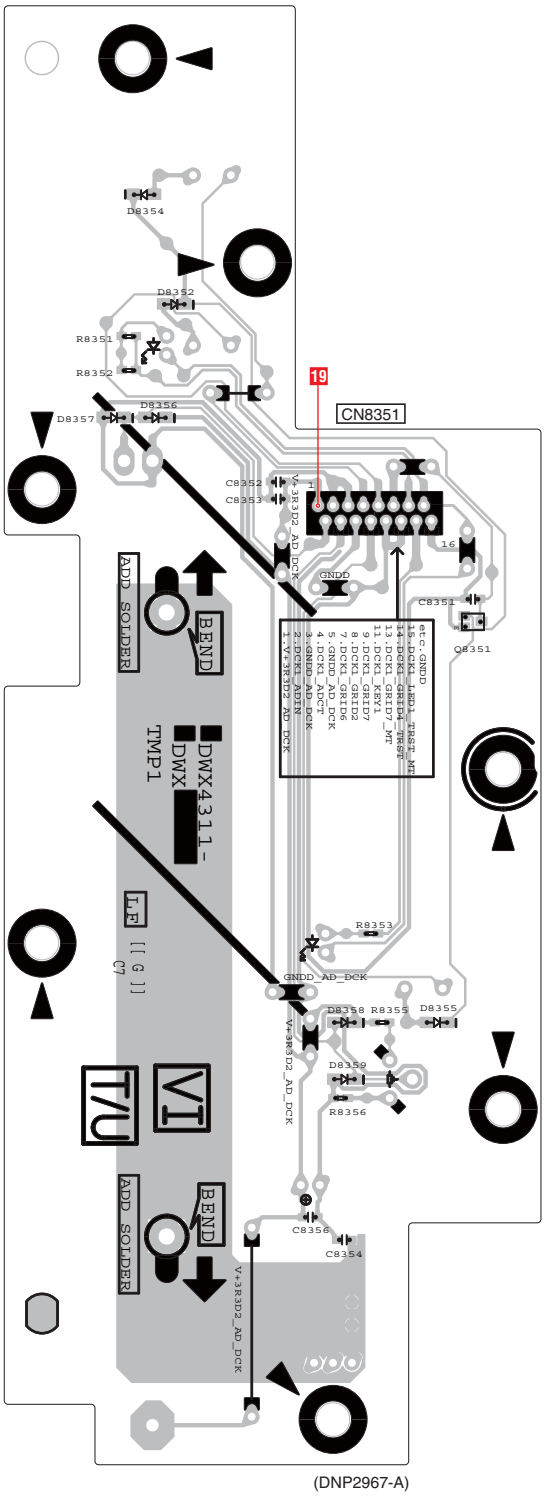
注意：
TMP の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

U TMP1 ASSY



(DNP2967-A)

U TMP1 ASSY



(DNP2967-A)

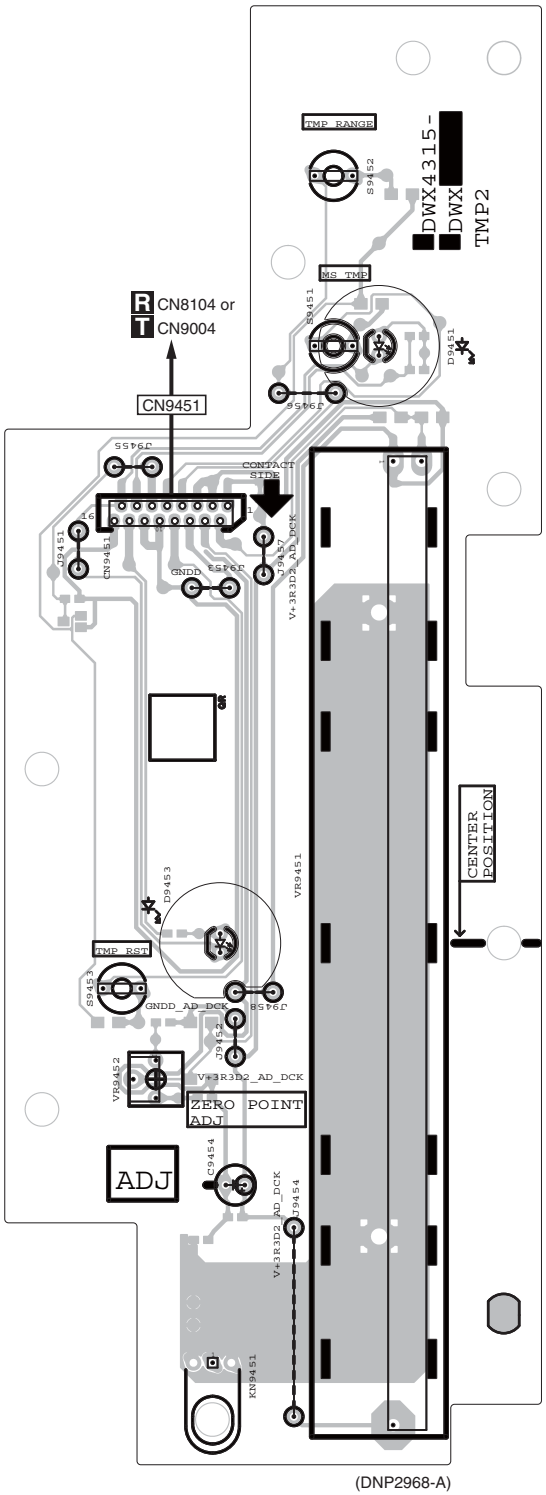
SIDE A

SIDE B

Note:
The 1 and 2 Assys of TMP Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

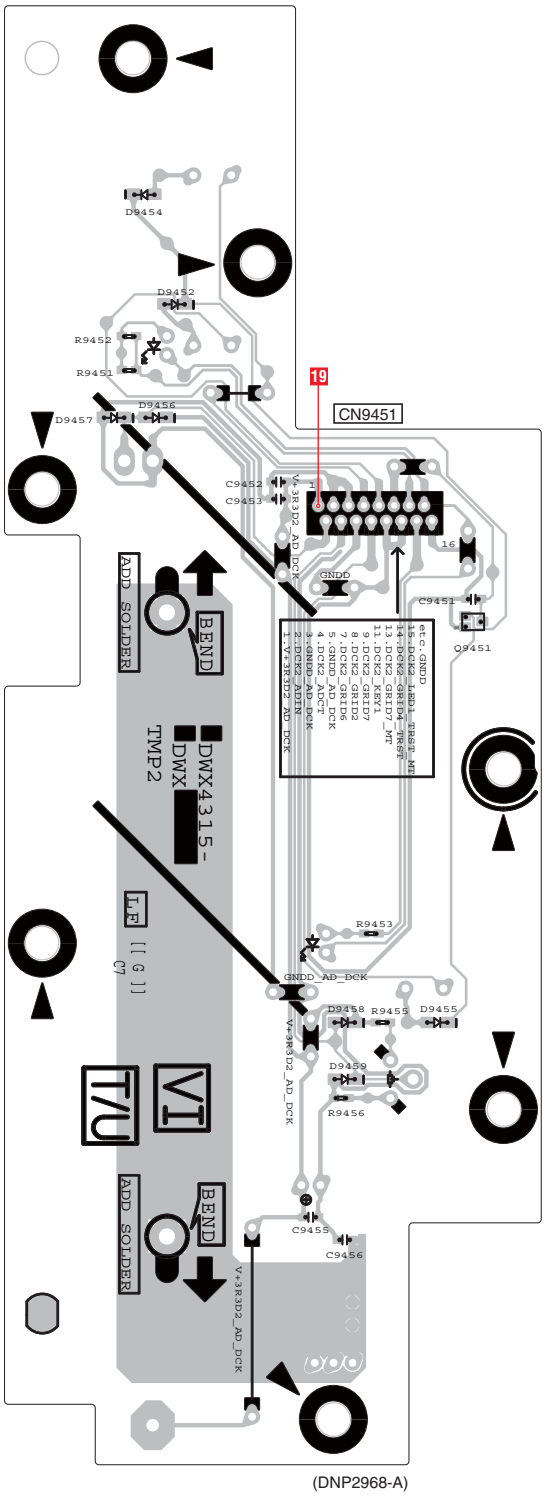
注意：
TMP の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

V TMP2 ASSY



(DNP2968-A)

V TMP2 ASSY



(DNP2968-A)

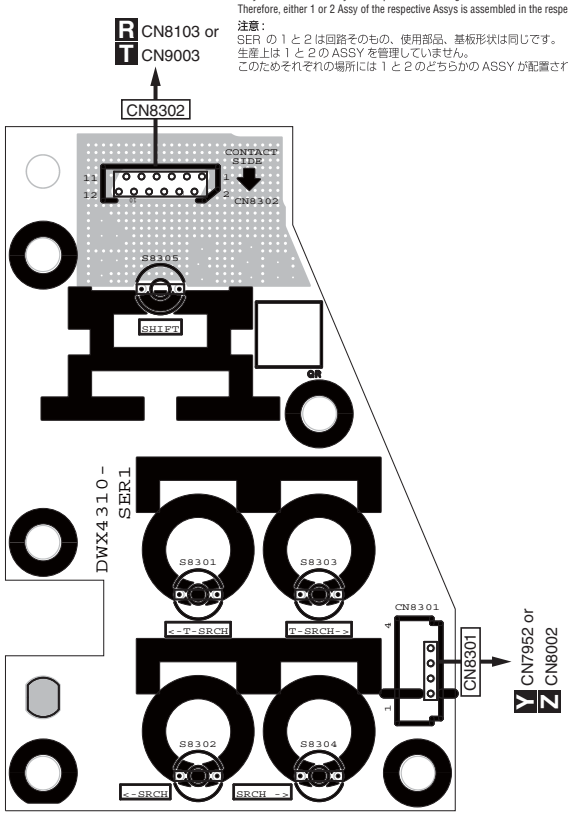
11.16 SER1 and SER2 ASSYS

SIDE A

W SER1 ASSY

Note:
The 1 and 2 Assys of SER Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

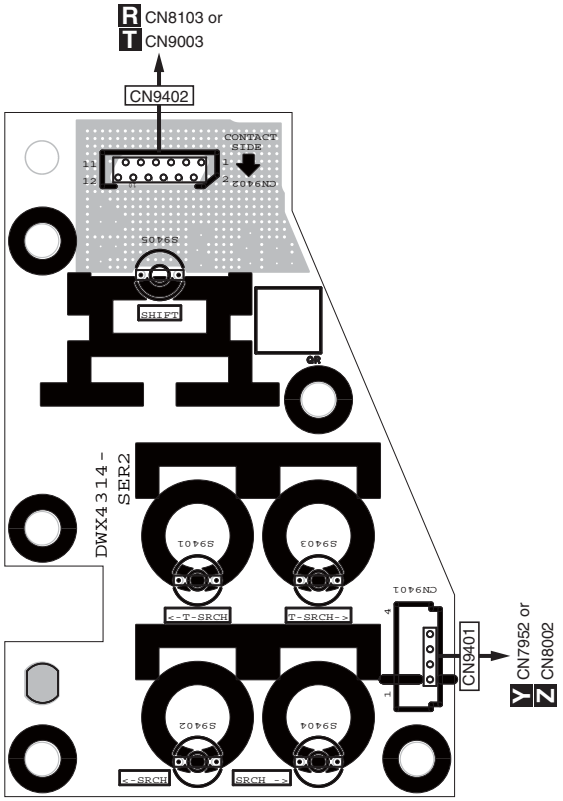
注意：
SER の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。



(DNP2966-A)

X SER2 ASSY

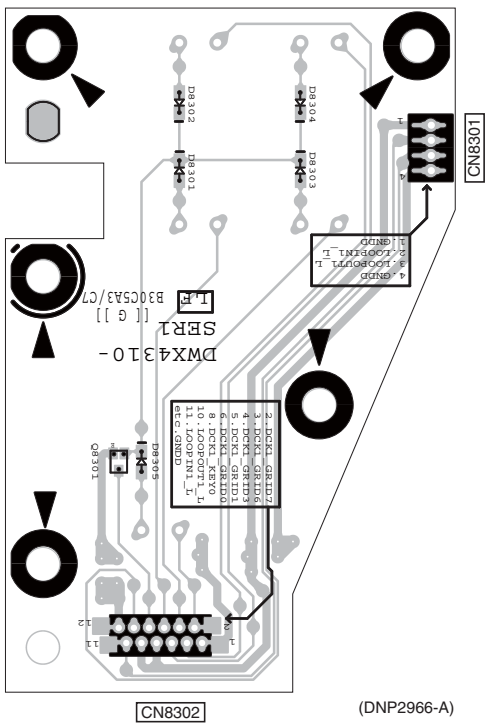
SIDE A



(DNP2966-A)

SIDE B

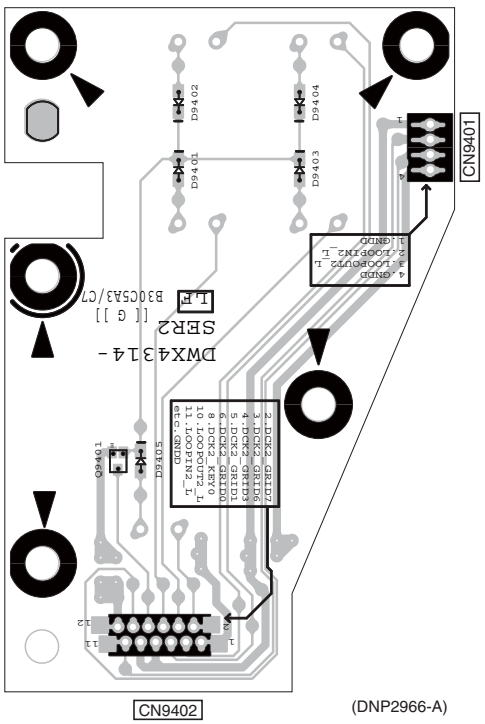
W SER1 ASSY



(DNP2966-A)

X SER2 ASSY

SIDE B



(DNP2966-A)

W X

W X

11.17 PLAY1 anbd PLAY2 ASSYS

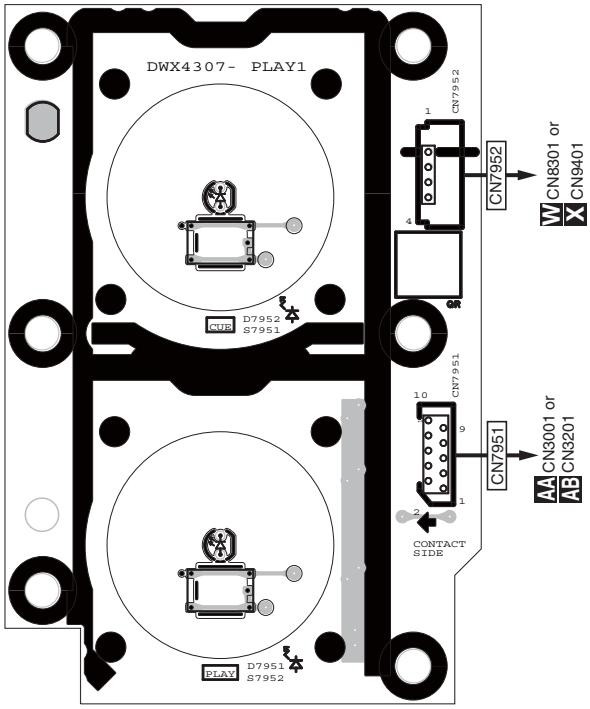
SIDE A

Note:
The 1 and 2 Assys of PLAY Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
PLAY の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

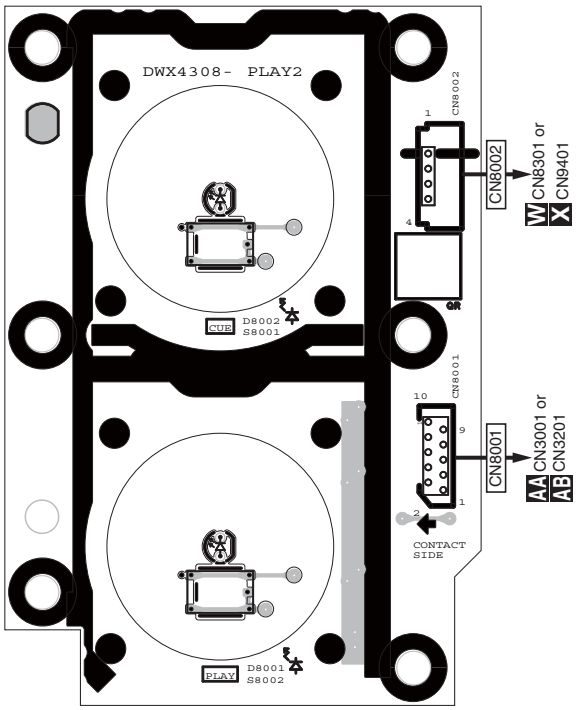
SIDE A

Y PLAY1 ASSY



(DNP2966-A)

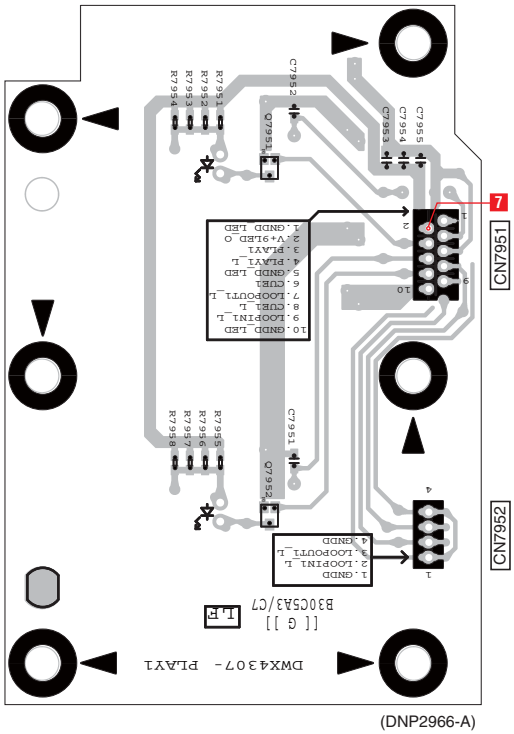
Z PLAY2 ASSY



(DNP2966-A)

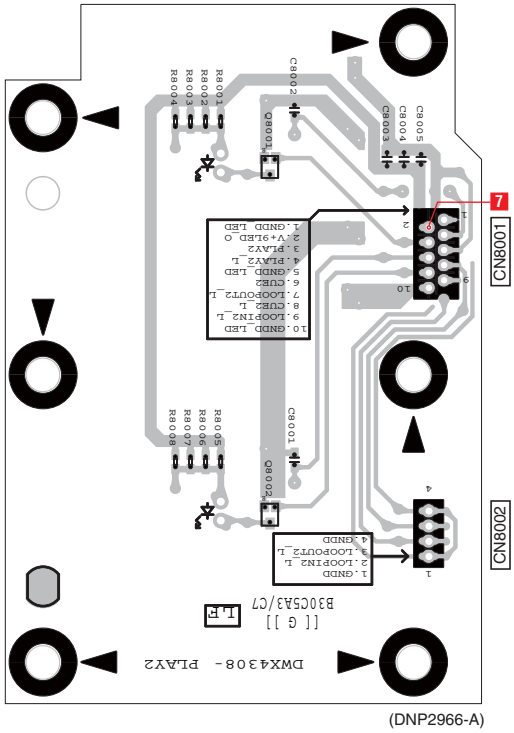
SIDE B

Y PLAY1 ASSY



(DNP2966-A)

Z PLAY2 ASSY



(DNP2966-A)

SIDE B

11.18 JLCD1, JLCD2, JOG1 and JOG2 ASSYS

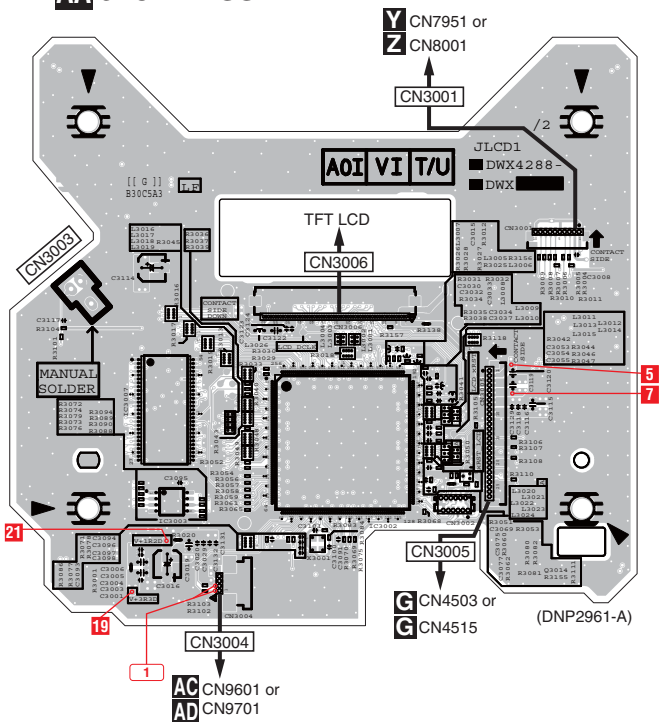
SIDE A

SIDE A

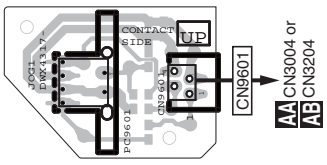
Note:
The 1 and 2 Assys of JLCD Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意：
JLCD の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

AA JLCD1 ASSY



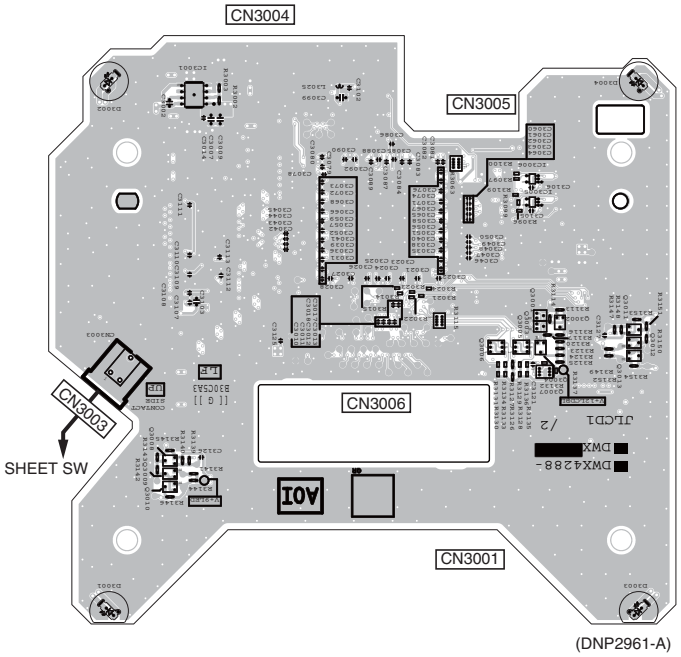
AC JOG1 ASSY



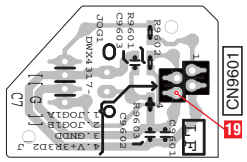
SIDE B

SIDE B

AA JLCD1 ASSY



AC JOG1 ASSY

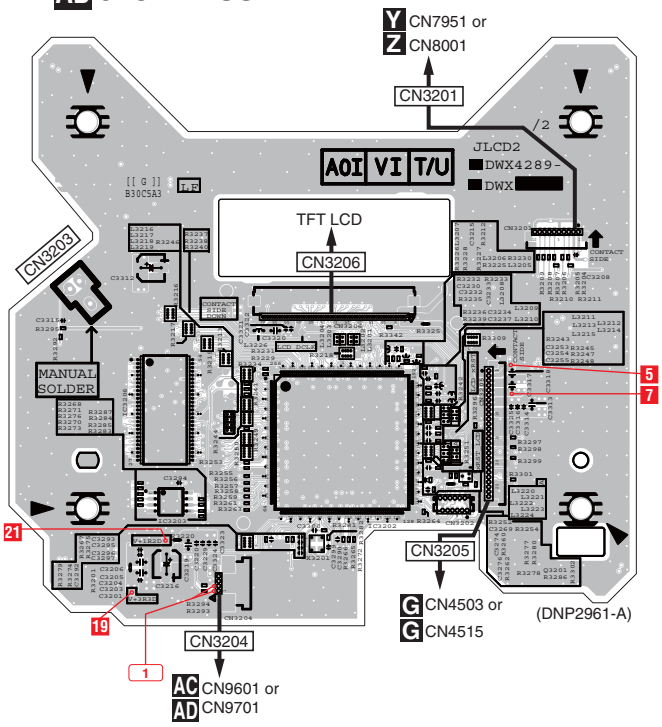


AA AC

AA AC

SIDE A

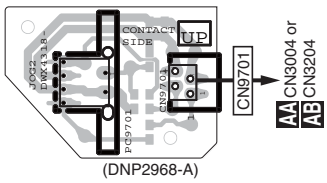
AB JLCD2 ASSY



Note:
The 1 and 2 Assys of JOG Assy have the same circuitry, parts, and board shapes.
Only printed information is different, because their part numbers and wiring numbers are different.
They are handled similarly in their production management.
Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

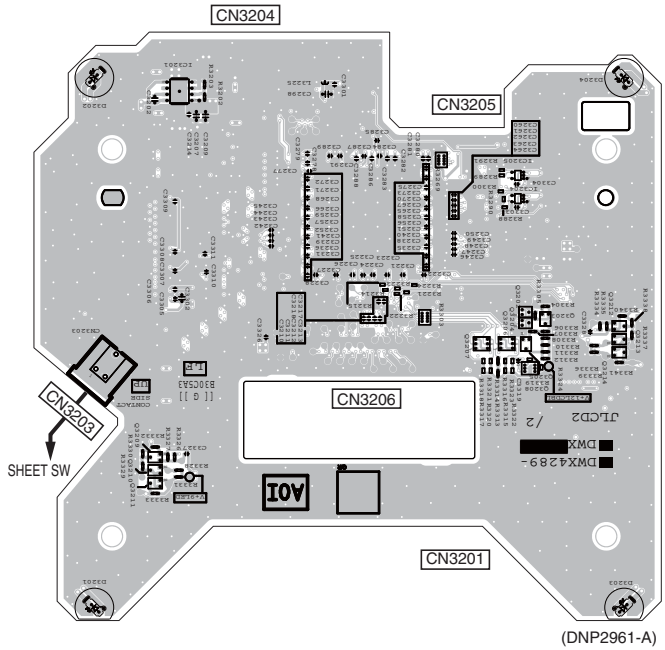
注意：
JOG の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
生産上は 1 と 2 の ASSY を管理していません。
このためそれぞれの場所には 1 と 2 のどちらかの ASSY が配置されています。

AD JOG2 ASSY

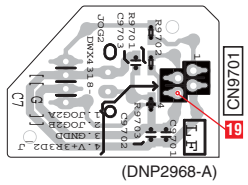


SIDE B

AB JLCD2 ASSY



AD JOG2 ASSY



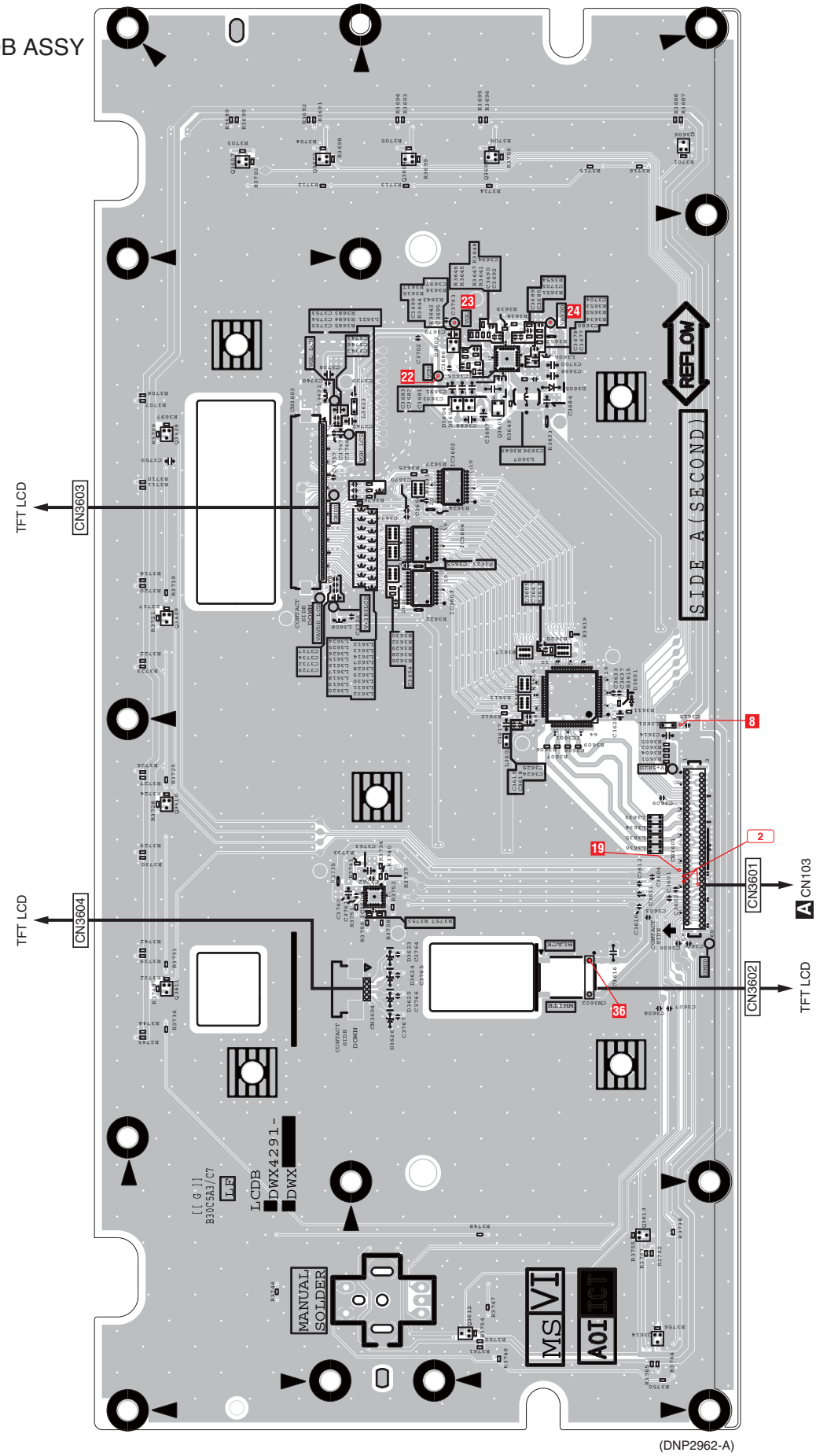
AB AD

11.19 LCDB ASSY

SIDE A

SIDE A

AE LCDB ASSY



(DNP2962-A)

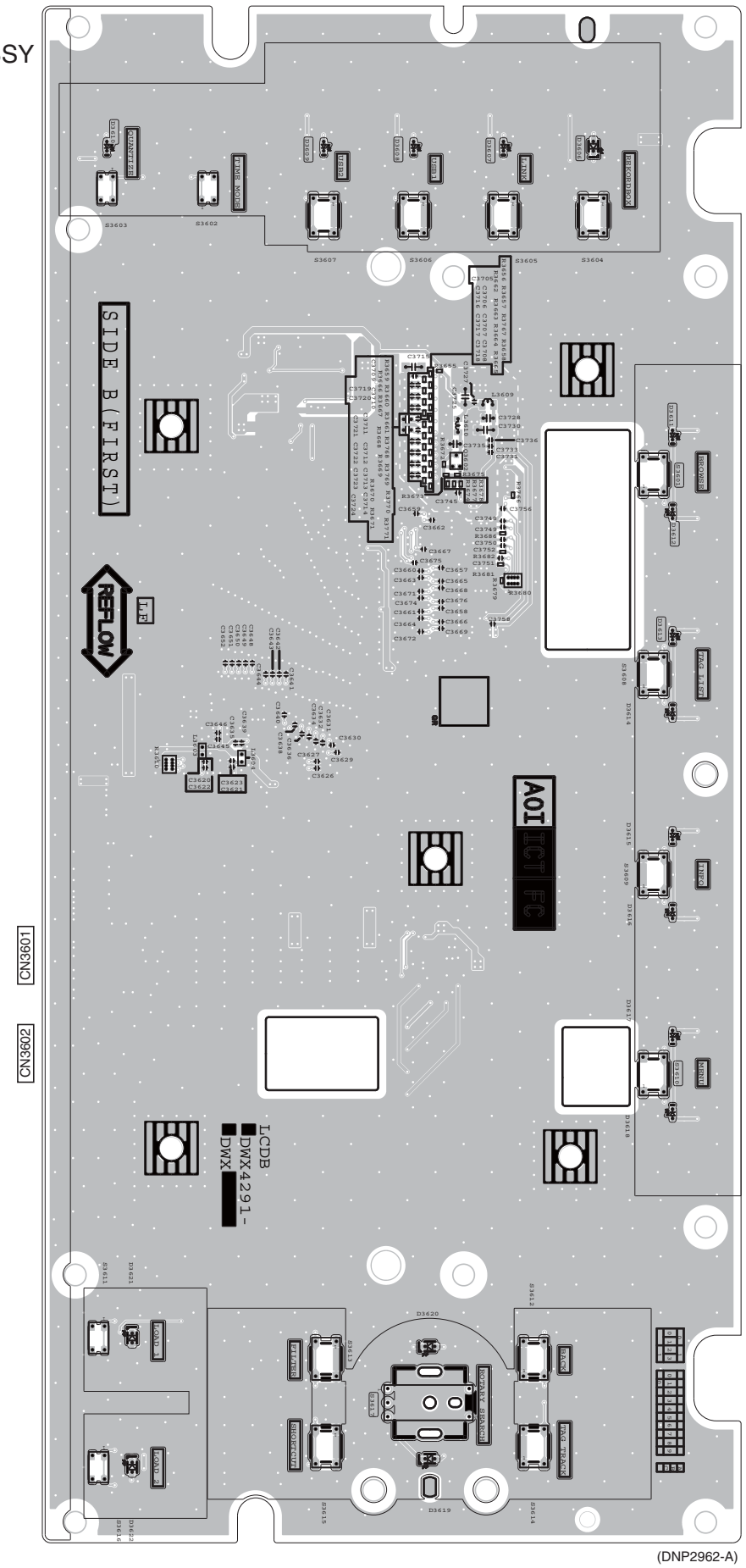
AE

AE

SIDE B

SIDE B

AE LCDB ASSY



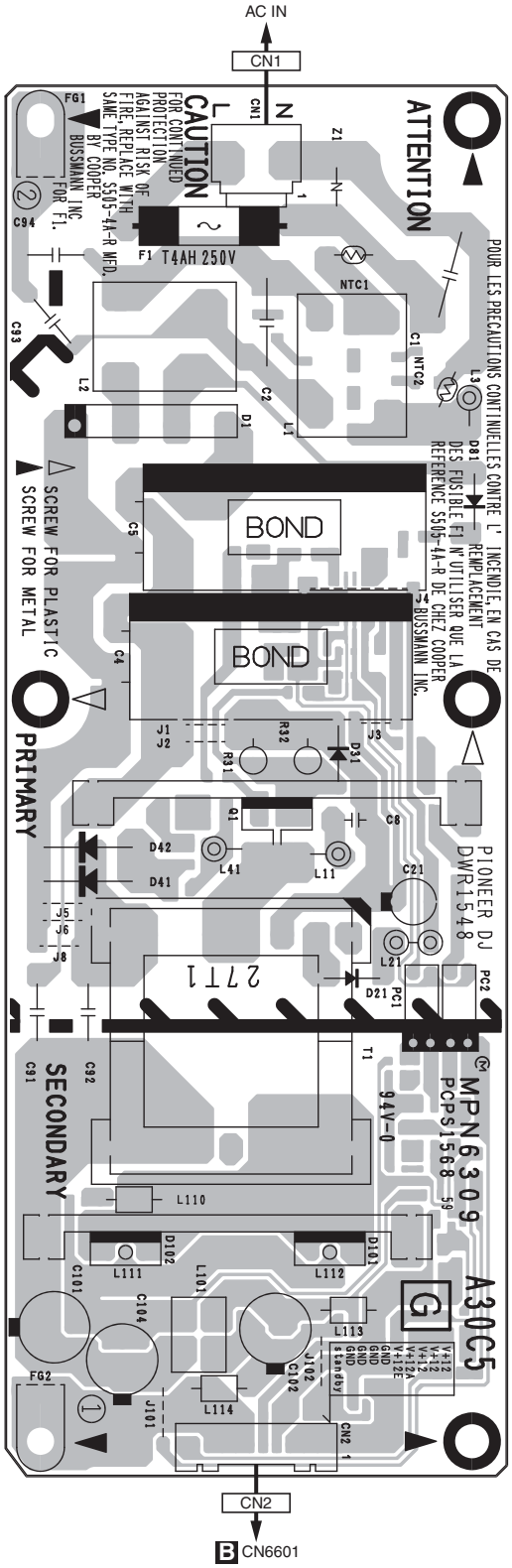
(DNP2962-A)

11.20 SW POWER SUPPLY

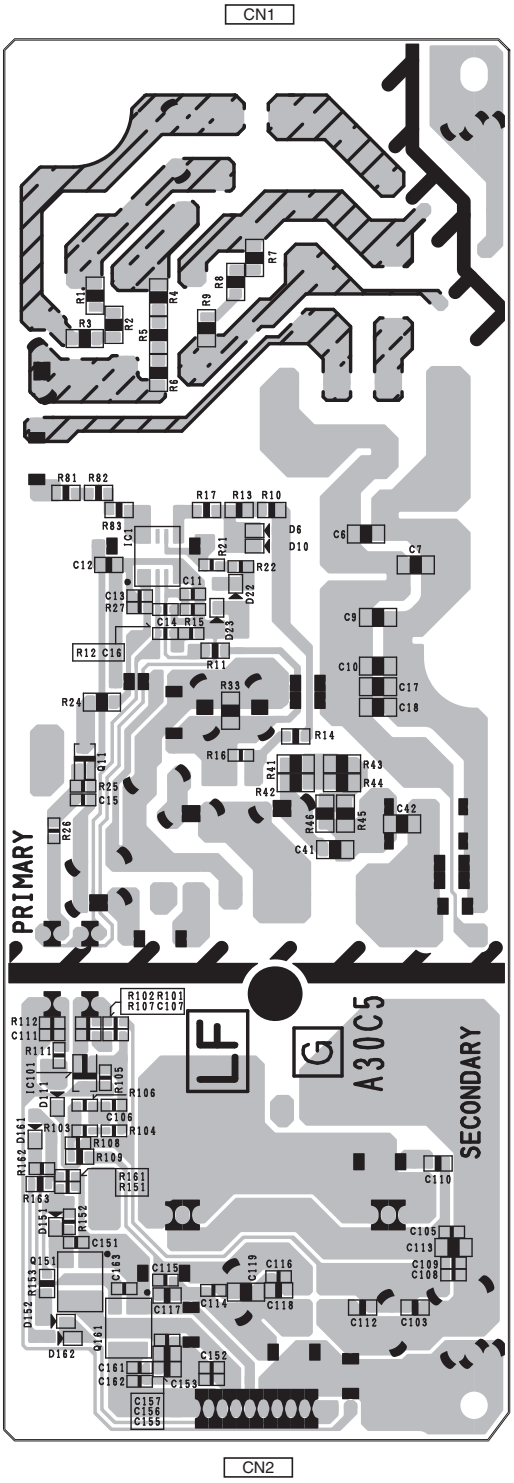
SIDE A

SIDE B

AF SW POWER SUPPLY



AF SW POWER SUPPLY



12. PCB PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
● *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω	→ *56 × 10¹*	→ *561*	*RD1/4PU 5 6 1 J*
47 kΩ	→ *47 × 10³*	→ *473*	*RD1/4PU 4 7 3 J*
0.5 Ω	→ *R50*		*RN2H R 5 0 K*
1 Ω	→ *1R0*		*RS1P 1 R 0 K*

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62 kΩ	→ *562 × 10¹*	→ *5621*	*RN1/4PC 5 6 2 1 F*

LIST OF ASSEMBLIES

Mark	No.	Description	Part No.
	1	MAIN ASSY	DWX4287
	1	AUDIO ASSY	DWX4298
NSP	1	SUBA ASSY	DWM2724
	2	MCIN ASSY	DWX4300
	2	HPJK ASSY	DWX4301
	2	MCTR ASSY	DWX4302
	2	CHF1 ASSY	DWX4303
	2	CHF2 ASSY	DWX4304
	2	PLAY1 ASSY	DWX4307
	2	PLAY2 ASSY	DWX4308
	2	SER1 ASSY	DWX4310
	2	SER2 ASSY	DWX4314
NSP	1	PADA ASSY	DWM2720
	2	LCDB ASSY	DWX4291
	2	PAD1 ASSY	DWX4292
	2	PAD2 ASSY	DWX4293
	2	USBA ASSY	DWX4294
	2	CRFD ASSY	DWX4295
NSP	1	UCOMA ASSY	DWM2721
	2	UCOM ASSY	DWX4296
	2	EFSW ASSY	DWX4297
	1	MIXER ASSY	DWX4299
NSP	1	PNL1 ASSY	DWM2725
	2	DCK1 ASSY	DWX4309
	2	TMP1 ASSY	DWX4311
	2	PWSW ASSY	DWX4312
	2	CHF3 ASSY	DWX4305
	2	STL1 ASSY	DWX4319
	2	STL2 ASSY	DWX4320
	2	STL3 ASSY	DWX4321
NSP	1	PNL2 ASSY	DWM2726
	2	DCK2 ASSY	DWX4313
	2	TMP2 ASSY	DWX4315
	2	CHF4 ASSY	DWX4306
	2	JOG1 ASSY	DWX4317
	2	JOG2 ASSY	DWX4318
	2	STL4 ASSY	DWX4322
NSP	1	JOGA ASSY	DWM2719
	2	JLCD1 ASSY	DWX4288
	2	JLCD2 ASSY	DWX4289
	2	XPAD ASSY	DWX4290
⚠	1	SW POWER SUPPLY	DWR1548

A
MAIN ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
⚠	IC	301,501,1801,1802	BD9328EFJ
⚠	IC	302	BD00IC0WEFJ
⚠	IC	303	IS31BL3555-ZLS4
⚠	IC	502	MMPF0100F0AEP
	IC	701	MCIMX6Q6AVT10AD
	IC	901,902	K4B4G1646E-BYMA
	IC	1101	H337S3959
NSP	IC	1102	DYW2156*
		*Part number of the initial firmware equipped	
	IC	1301,2301	TC7SH04FUS2
⚠	IC	1803,1804	TPS2557DRB
	IC	1805	TUSB4020BIPHP
NSP	IC	2001	RTL8152B-VB-CG
	IC	2002	TUSB4041IPAP
	IC	2003,2306-2308	TC7SH08FUS2
	IC	2151	RTL8309M-CG
NSP	IC	2302	R5S72690W266FP
NSP	IC	2303	DYW2157*
		*Part number of the initial firmware equipped	
	IC	2304	TC7SZU04FUS2
	IC	2305	TC7SHU04FUS2
	IC	2501	D810K013DZKB400
	IC	2502	W9812G6KH-6
	IC	2606	SN74AUC1G08DCK
	Q	301	RT3T22M
	Q	302-305,2001	2SA1576A
	Q	306	LTC023JEB
	Q	1401	LTC014EEB
	Q	1801,1802,2303	RT3N22M
	Q	1803	HN1C01FUS1
	Q	2002,2302	LTC024EEB
	D	301	RB060MM-30TF
	D	302-305	1SS355VM
	D	501	RB160M-60
	D	1801,1802	UDZV5R1

MISCELLANEOUS

	L	105-108,110,111	INDUCTOR CTF1545
	L	109	POWER INDUCTOR ATH7053
	L	301	COIL (47 uH) CTH1475
	L	302	SMD SPL INDUCTOR CTH1527
	L	501	SMD SPL INDUCTOR CTH1501
	L	502	SMD SPL INDUCTOR CTH1531
	L	503-506	SMD SPL INDUCTOR CTH1530
	L	1101	CHIP SOLID INDUCTOR XTL3010
	L	1801,1802	INDUCTOR CTH1253
	L	1803,1808,1809,2005	COIL ATH7015
	L	2151-2156	CHOKE COIL ATH7098
	L	2301-2303,2601	INDUCTOR CTF1545
	L	2304	CHIP COIL (33 uH) LCTAW330J2520

Mark	No.	Description	Part No.
	L	2305,2306 CHIP SOLID INDUCTOR	QTL1013
	L	2307 CHIP BEADS	VTL1129
	L	2501 SMD FERRITE BEADS	CTF1823
	F	1801,1802,2001-2003 EMI FILTER	CCG1352
	F	2151,2152 EMI FILTER	CCG1352
	F	2501 EMI FILTER	DTL1106
	JA	2001 USB CONNECTOR	DKN1237
	JA	2151-2153 RJ45 CONNECTOR	AKN7115
	KN	2151,2152 SCREW PLATE	VNE1948
	X	1401 RESONATOR (32.768 kHz)	CSS1807
	X	1402 CRYSTAL TRANSDUCER (24 MHz)	DSS1208
	X	1801,2002 RESONATOR (24 MHz)	CSS1773
	X	2001,2151 CRYSTAL (25.000 MHz)	DSS1205
	X	2301 RESONATOR (48.000 MHz)	CSS1760
	X	2302 CRYSTAL RESONATOR (13.333 3 MHz)	CSS1840
	CN	101,103 FFC/FPC CONNECTOR	CKS6543
	CN	102 19P RECEPTACLE	AKP7199
	CN	104,105 FFC/FPC CONNECTOR	CKS6645
	CN	1801,1802 CONNECTOR	AKM1277
	VA	2001-2003 SMD VARISTOR	EZJZ1V80010

RESISTORS

	R	305	RS1/4SA1R0J
	R	308,317	RS1/10SR472J
	R	312	RS1/10SR151J
	R	313	RS1/16SS2701D
	R	314	RS1/16SS6201D
	R	319,505,506	RS1/16SS1502D
	R	321	RS1/16SS2202D
	R	322,2380	RS1/16SS5601D
	R	323,2206	RS1/16SS6800D
	R	324	RS1/16SS3301D
	R	325,336,1808,1812	RS1/16SS1002D
	R	329	RS1/10SR3302F
	R	337	RS1/16SS1202D
	R	338,507	RS1/16SS8201D
	R	339	RS1/16SS3302D
	R	514,517,702,707	RS1/10SR0R0J
	R	515	RS1/10SR561J
	R	521	RS1/16SS1002F
	R	708,905,908	RS1/16SS2400F
	R	903,904	RS1/16SS1001D
	R	1108,1109,1120,2501	RAB4CQ680J
	R	1127	RAB4CQ222J
	R	1139,1140	RAB4CQ220J
	R	1328,1333,1335	RAB4CQ470J
	R	1502,1505,1530-1533	RAB4CQ103J
	R	1507,1526-1529	RAB4CQ472J
	R	1803,1804	RS1/10SR220J
	R	1806,1810	RS1/10SR1100D
	R	1807,1811	RS1/16SS4702D
	R	1821,1822	RS1/10SR2702F
	R	1823,1824	RS1/10SR5602F
	R	1839,2052	RS1/16SS4300D
	R	1840,2051	RS1/16SS9101D
	R	1847	RS1/16SS1201F
	R	1848	RS1/16SS6801D
	R	1872,1873	RS1/10SR102J
	R	2005	RS1/16SS91R0F
	R	2006	RS1/16SS2401D
	R	2044	RS1/16SS1002D
	R	2045	RS1/16SS9102F
	R	2047,2407,2408	RS1/10SR0R0J
	R	2172,2197	RS1/8SQ0R0J
	R	2205	RS1/16SS1801D
	R	2301-2304	RAB4CQ560J
	R	2355,2392	RAB4CQ103J
	R	2400,2401	RAB4CQ101J
	R	2405	RAB4CQ104J
	R	2413,2414	RS1/10SR105J
	R	2422	RAB4CQ223J
	R	2502	RAB4CQ680J
	R	2509,2510,2516	RAB4CQ820J
	R	2517,2518	RAB4CQ330J
	R	2528-2531	RAB4CQ470J
	Other Resistors		RS1/16SS###J

CAPACITORS

	C	101,303,316,320 (10 uF/10 V)	DCH1201
	C	103-107,109,116	CKSSYB102K50
	C	108,112,113,117	CKSSYB104K10
	C	111,114,115,134	CKSSYB104K16
	C	119-123,321,2303	CEVW101M16
	C	124,130,136,140	CKSSYB104K10
	C	129,135,137,139	CKSSYB102K50
	C	138,142,304,331	CKSSYB104K16
	C	141,144,153,306	CKSSYB102K50
	C	143,155,305,309	CKSSYB104K10
	C	160,1837,1838 (100 uF/16 V)	CCH1565
	C	162,164,342,574 (0.1 uF/35 V)	ACE7100
	C	301,302,334,335 (10 uF/16 V)	DCH1263
	C	307,325,505,512	CCSSCH102J50
	C	310,315,318,322	CKSSYB104K10
	C	311,524,536,557	CKSRYB474K10
	C	312	CCSRCH121J50
	C	313	CKSSYB153K16
	C	314,1809,1810,2151	CKSSYB102K50
	C	317,328,523,526	CKSRYB105K10
	C	319,513,1402,1405	CKSSYB103K16
	C	324	CKSSYB472K25
	C	326,329,339-341	CKSSYB104K10
	C	330,515,516,529 (10 uF/10 V)	DCH1201
	C	332,338,503,506	CKSSYB104K16
	C	333	CEVW221M4
	C	501,1803-1806 (10 uF/16 V)	DCH1263
	C	507	CKSSYB682K25
	C	511,514,525,528	CKSSYB104K10
	C	517 (1000 pF/63 V)	ACE7099
	C	518 (100 uF/6.3 V)	ACH7275
	C	519,520,549 (22 uF/6.3 V)	DCH1256
	C	527,701,703-710	CKSSYB224K6R3
	C	530,545,909,910	CKSRYB105K10
	C	532,535,538,540 (4.7 uF/10 V)	CCG1201
	C	533,537,539,541	CKSSYB104K10
	C	542,546,548,551	CKSSYB104K10
	C	543,544,547,565 (4.7 uF/10 V)	CCG1201
	C	550	CCSRCH102J50
	C	552-555,558 (22 uF/6.3 V)	DCH1256
	C	556,559,740,907	CKSSYB104K10
	C	560-563,571-573 (22 uF/6.3 V)	DCH1256
	C	564	CKSRYB474K10
	C	570,1101,1106,1109	CCSSCH102J50
	C	702,711,715,734 (22 uF/6.3 V)	DCH1256
	C	712-714,716-718	CKSSYB224K6R3
	C	719,722,728,908 (4.7 uF/10 V)	DCH1201
	C	720,721,723-727	CKSSYB224K6R3
	C	729-733,735-739	CKSSYB224K6R3
	C	741,743,745-747	CKSSYB224K6R3
	C	742,744,748,750 (22 uF/6.3 V)	DCH1256
	C	749,751-755	CKSSYB224K6R3
	C	901-906,913-924	CKSSYB224K6R3
	C	911,912,925,1107	CKSSYB104K10
	C	926,1817,1818,1826 (4.7 uF/10 V)	DCH1201
	C	927-932,1105	CKSSYB224K6R3
	C	1102,2001,2416	CCSSCH100D50
	C	1108	CKSSYB222K50
	C	1301,1304,1503	CCSSCH470J50
	C	1309,1828,1829,1846	CKSSYB104K10
	C	1401,1403	CCSSCH9R0D50
	C	1807,1808,1811-1814	CKSSYB104K16
	C	1815,1816,1823,1824	CKSSYB103K16
	C	1821,1822	CEHVAW101M6R3

Mark	No.	Description	Part No.
	C	1827,1833-1836,1843 (4.7 uF/10 V)	DCH1201
	C	1831,1832,1845,1847	CKSSYB103K16
	C	1839,1840,2024,2025	CCSSCH101J50
	C	1844,1874-1876,2002 (4.7 uF/10 V)	DCH1201
	C	1848,1849,1851	CKSSYB104K10
	C	1850,1852,1854,1856	CKSSYB103K16
	C	1853,1855,2003,2047	CCSSCH120J50
	C	1857-1860,1863,1865	CKSSYB104K10
	C	1861,1862,1864	CKSSYB103K16
	C	1866-1869,2037,2040	CKSSYB103K16
	C	1870-1872,1877,1878	CKSSYB104K10
	C	1873,1883,1884,2026	CCSSCH102J50
	C	1879,1880,2166	CKSSYB104K16
	C	2004-2012,2014,2017	CKSSYB104K10
	C	2015,2016,2019,2540	CKSRYB105K10
	C	2018,2036,2039,2043	CKSSYB104K10
	C	2028,2041,2152	CCSSCH102J50
	C	2029,2032,2156,2159 (4.7 uF/10 V)	DCH1201
	C	2042,2044,2048,2050	CKSSYB103K16
	C	2045,2046,2049,2052	CKSSYB104K10
	C	2051,2054-2056	CKSSYB103K16
	C	2053,2165,2415,2417	CCSSCH120J50
	C	2057-2059,2063,2065	CKSSYB104K10
	C	2060 (2.2 uF/10 V)	CCG1218
	C	2066,2368,2375,2378	CCSSCH471J50
	C	2067,2154,2155,2157	CKSSYB104K10
	C	2068 (22 uF/16 V)	CCG1254
	C	2158,2160,2162-2164	CKSSYB104K10
	C	2161,2414	CCSSCH150J50
	C	2167-2177,2301,2302	CKSSYB104K10
	C	2184-2186,2397,2538	CCSSCH102J50
	C	2187,2314,2319,2320	CKSSYB102K50
	C	2305,2307-2313	CKSSYB104K10
	C	2306,2507	CKSSYB471K50
	C	2315-2318,2321,2322	CKSSYB104K10
	C	2324,2325,2328-2331	CKSSYB104K10
	C	2326,2327,2332,2333	CKSSYB102K50
	C	2334-2337,2340-2343	CKSSYB104K10
	C	2338,2339,2344,2345	CKSSYB102K50
	C	2346-2348,2351,2352	CKSSYB104K10
	C	2349,2350,2353,2359	CKSSYB102K50
	C	2354-2358,2361,2367	CKSSYB104K10
	C	2360	CKSSYB221K50
	C	2362,2370,2371,2386	CKSSYB102K50
	C	2363-2366,2369,2372	CKSSYB103K16
	C	2373,2385,2387,2398 (4.7 uF/10 V)	DCH1201
	C	2374,2381-2383,2394	CKSSYB104K10
	C	2376,2377,2379,2392	CKSSYB103K16
	C	2380,2419	CCSSCH471J50
	C	2384	CEVW101M16
	C	2389,2390,2408,2409	CKSSYB102K50
	C	2393,2400,2406,2407	CKSSYB103K16
	C	2395,2401,2403-2405	CKSSYB104K10
	C	2396,2411,2412,2537	CCSSCH101J50
	C	2399,2402,2541 (4.7 uF/10 V)	DCH1201
	C	2410,2418,2422,2423	CKSSYB104K10
	C	2413,2420,2421,2503	CKSSYB102K50
	C	2501,2505,2603,2610	CKSSYB104K10
	C	2502	CEVW101M4
	C	2504,2506,2508-2510	CKSSYB103K16
	C	2511,2513,2515,2517	CKSSYB102K50
	C	2512,2514,2516,2518	CKSSYB103K16
	C	2519,2521,2523,2525	CKSSYB102K50
	C	2520,2522,2524,2526	CKSSYB103K16
	C	2527,2529,2531,2533	CKSSYB102K50
	C	2528,2530,2532,2534	CKSSYB103K16
	C	2535	CKSSYB102K50
	C	2536,2539,2542-2548	CKSSYB103K16
	C	2602,2609,2612	CCSSCH102J50
	C	2608,2611	CKSSYB103K16
	C	2613	CKSSYB104K10

B
AUDIO ASSY

SEMICONDUCTORS

	IC	5101,5102,5104-5107	TC7SH08FUS2
	IC	5103	TC7WHU04FKS1
	IC	5109	TC7SH08FUS2
	IC	5201,5401,6001-6003	NJM4580MD
	IC	5202,5203,5402,5403	NJM2121MD
	IC	5204,5404	AK5386VT
	IC	5601,5602	NJM2121MD
	IC	5603,5604	AK5358AET
	IC	5801	AK4384ET
	IC	5802	AK4458VN
	IC	6004,6005,6203,6204	NJM4580DD
	IC	6201,6202,6401	NJM4580MD
	IC	6402	NJM4565MD
⚠	IC	6601	MM1856A50N
⚠	IC	6602,6603	BD9328EFJ
⚠	IC	6604	NJM2831F33
⚠	IC	6605,6606	BD9851EFV
⚠	IC	6607	NJM78M09DL1A
⚠	IC	6608	NJM2872BF33
⚠	IC	6609,6610	NJM7805DL1A
⚠	IC	6611	NJM78M15DL1A
⚠	IC	6612	NJM79M15DL1A
	Q	5201,5203,5401,5403	2SK3320
	Q	5202,5402,5601	LTC114EUB
	Q	6001	RN2903
	Q	6002-6011,6014-6017	INC2002AC1
	Q	6201-6208,6401,6402	INC2002AC1
	Q	6405,6406	2SK209
	Q	6407,6408	INC2002AC1
	Q	6409,6411,6606,6808	2SC4081
	Q	6410,6412,6801-6806	2SA1576A
	Q	6413,6415	2SCR573D3
	Q	6414,6416	2SAR573D3
	Q	6601	LTC024EEB
⚠	Q	6602,6604	RSQ030P03
⚠	Q	6603	RSR020P05
⚠	Q	6605	RSQ045N03
⚠	Q	6607	RTQ040P02
	Q	6807	LTC014YEB
	Q	6809,6903	LSCR523UB
	Q	6901	RT3T22M
	Q	6902	RT3N22M
	Q	6904	HN1A01FUS1
	D	6201,6401-6404,6608	1SS355VM
	D	6602-6606	RB162MM-40TF
	D	6609,6610	RB501V-40
	D	6801-6806,6904	1SS355VM
	D	6901	UDZV7R5
	D	6902	RB160M-30

MISCELLANEOUS

	L	5101 CHIP BEADS	VTL1126
	L	6601 POWER INDUCTOR (0.22 uH)	ATH7053
	L	6602,6603 CHOKE COIL (22 uH)	CTH1561
	L	6604-6607 POWER INDUCTOR (22 uH)	ATH7011
	JA	5201,5401 4P PIN JACK	DKB1090
	JA	5601,6001 RCA JACK	DKB1122
	JA	6002,6003 CANON CONNECTOR	DKB1093
	JA	6201,6202 6.5 DIA JACK	DKN1653
	JA	6401,6402 6.5 DIA JACK	DKN1652
	X	5101 CRYSTAL OSCILLATOR (22.579 2 MHz)	DSS1215
	CN	5001 19P PLUG	AKM7077
	CN	5002 FFC/FPC CONNECTOR	CKS6543
	CN	5601 9P CONNECTOR	09R-1.25FJ

Mark	No.	Description	Part No.
	CN 6401	CONNECTOR	AKM1277
	CN 6601	CONNECTOR	DKN1661
	VA 5201-5206,5401-5406	VARISTORS	EZJZ1V270RM
	VA 5601-5603,6001-6009	VARISTORS	EZJZ1V270RM
	VA 6201-6205,6401-6403	VARISTORS	EZJZ1V270RM

RESISTORS

	R	5130,6678,6679	RS1/10SR0R0J
	R	5201,5203-5205,5401	RS1/16SS1000D
	R	5202,5207,5209,5210	RS1/16SS2000D
	R	5206,5211,5214,5216	RS1/16SS4702D
	R	5212,5213,5222,5223	RN1/16SE1201D
	R	5217,5224,5416,5424	RS1/10SR470J
	R	5218,5227,5420,5427	RN1/16SE1001D
	R	5220,5225,5228,5232	RN1/16SE1501D
	R	5231,5235,5429,5435	RN1/16SE2703D
	R	5234,5237,5434,5437	RN1/16SE2202D
	R	5239,5240,5439,5440	RS1/16SS3001D
	R	5241,5242,5441,5613	RS1/10SR2701D
	R	5243,5244,5443,5444	RS1/16SS2701D
	R	5245,5246,5445,5446	RS1/16SS6800D
	R	5402,5407,5409,5410	RS1/16SS2000D
	R	5403-5405,5601,5602	RS1/16SS1000D
	R	5406,5411,5412,5415	RS1/16SS4702D
	R	5413,5414,5422,5423	RN1/16SE1201D
	R	5421,5425,5428,5430	RN1/16SE1501D
	R	5442	RN1/16SE2701D
	R	5603,5604	RS1/16SS2000D
	R	5605,5606,6613	RS1/16SS4702D
	R	5609-5612,6666	RS1/16SS3001D
	R	5614,5616	RS1/10SR8201D
	R	5615,6021-6028	RS1/10SR2701D
	R	5617,5618,5621,5622	RS1/16SS3601D
	R	5619,5620,5623,5624	RS1/16SS8200D
	R	5829-5831	RS1/4SA0R0J
	R	6001-6004	RS1/10SR513J
	R	6005-6012	RS1/10SR3301D
	R	6013-6020	RS1/10SR1202D
	R	6029-6036	RS1/8SQ5600F
	R	6037-6040,6049-6052	RS1/10SR223J
	R	6041-6044	RS1/8SQ2700F
	R	6053-6060	RS1/10SR1800F
	R	6061,6062	RS1/10SR2202D
	R	6063,6064,6405-6408	RS1/10SR1002D
	R	6065-6072,6225-6232	RS1/10SR5601D
	R	6073,6074,6413,6414	RS1/10SR6800D
	R	6075-6082,6233-6240	RS1/10SR6801D
	R	6083,6084,6427,6428	RS1/10SR104J
	R	6085-6092	RS1/4SA471J
	R	6093,6094,6107-6110	RS1/10SR183J
	R	6095-6098,6245-6248	RS1/10SR2201D
	R	6111,6112,6253-6256	RS1/10SR330J
	R	6113,6114,6117,6120	RS1/16SS15R0D
	R	6121-6124 (22 ohm)	DCN1198
	R	6201-6208	RS1/10SR4701D
	R	6209-6216	RS1/10SR1602D
	R	6217-6224,6409-6412	RS1/10SR3601D
	R	6241-6244 (330 ohm)	DCN1200
	R	6249-6252,6257-6260	RS1/10SR183J
	R	6261-6264,6641,6647	RS1/10SR330J
	R	6401-6404	RS1/10SR5601D
	R	6415,6416	RS1/10SR183J
	R	6421,6422	RS1/16SS3300D
	R	6425,6426	RS1/16SS3901D
	R	6429,6430	RN1/16SE1502D
	R	6431,6432	RS1/16SS3301D
	R	6438,6440	RS1/8SQ680J
	R	6441-6444	RN1/16SE3301D
	R	6445-6448,6663	RS1/16SS1001D
	R	6449-6452,6612,6615	RS1/16SS1801D
	R	6453-6460	RS1/4SA220J

Mark	No.	Description	Part No.
	R	6601,6682-6685	RS1/8SQ0R0J
	R	6610,6623,6626,6655	RS1/16SS6802D
	R	6611	RS1/16SS3302D
	R	6614,6619,6621,6634	RS1/16SS1002D
	R	6616	RS1/16SS1802D
	R	6617	RS1/16SS2201D
	R	6618,6620,6638	RS1/16SS1502D
	R	6622,6625,6646,6651	RS1/16SS3002D
	R	6628	RS1/16SS5102D
	R	6629	RS1/16SS5601D
	R	6631	RS1/16SS1803D
	R	6633	RS1/16SS2200D
	R	6635,6658,6659	RS1/16SS1002D
	R	6639,6648	RS1/10SR220J
	R	6649,6652	RS1/10SR105J
	R	6654	RS1/16SS6201D
	R	6656	RS1/16SS6802D
	R	6662	RS1/16SS6202D
	R	6664	RS1/16SS1503D
	R	6665	RS1/16SS5101D
	R	6669	RS1/16SS2002D
	Other Resistors		RS1/16SS###J

CAPACITORS

	C	5001,5003,5004,5218	CKSSYB104K16
	C	5007,5009,5014,5015	CKSSYB104K10
	C	5101,5106,5109,5112	CKSSYB104K10
	C	5102,5107,5111,5113	CCSSCH102J50
	C	5103,5206,5210-5212	CCSSCH101J50
	C	5104,5110,5632,5806	CKSSYB103K16
	C	5116	CCSSCH180J50
	C	5117,5119,5121,5123	CKSSYB104K10
	C	5118,5120,5122,5124	CCSSCH102J50
	C	5127,5240,5243,5247	CKSSYB104K10
	C	5128,5223,5226,5241	CCSSCH102J50
	C	5201,5204,5401,5404	CKSSYB102K50
	C	5202,5205,5402,5405	CKSRYB104K25
	C	5203,5207,5403,5407	CCSSCH221J50
	C	5208,5209,5214,5219	CCSSCH471J50
	C	5213,5217,5413,5417	CKSRYB123K50
	C	5215,5220,5255,5415	CCSSCH331J50
	C	5216,5221,5416,5421	CEVW101M16
	C	5222,5225,5422,5425 (0.012 uF/63 V)	ACE7125
	C	5224,5227,5424,5427 (3 300 pF/50 V)	DCG1049
	C	5228,5230-5232,5263	CCSSCH101J50
	C	5229,5233,5429,5433 (100 uF/25 V)	CCH2000
	C	5234,5235,5408,5409	CCSSCH471J50
	C	5236,5237,5249,5250 (220 uF/16 V)	CCH2090
	C	5238,5242,5438,5442 (10 uF/16 V)	CCH1998
	C	5239,5439,5809,5812 (1 uF/25 V)	ACE7129
	C	5244,5423,5426,5441	CCSSCH102J50
	C	5245,5445,5631,5634 (10 uF/10 V)	DCH1201
	C	5248,5440,5443,5447	CKSSYB104K10
	C	5251,5252,5449,5450 (0.1 uF/35 V)	ACE7100
	C	5253,5826,6720,6784 (0.01 uF/50 V)	ACE7113
	C	5254,6076,6083 (1 000 pF/50 V)	ACE7120
	C	5264,6235-6238 (470 pF/50 V)	ACE7119
	C	5265,5854,6618,6754	ACE7115
	C	5406,5410-5412,5428	CCSSCH101J50
	C	5414,5419,5434,5435	CCSSCH471J50
	C	5418,6423,6601,6606	CKSSYB104K16
	C	5420,6005-6008,6074	CCSSCH331J50
	C	5430-5432,5605,5606	CCSSCH101J50
	C	5436,5437,5811,5828 (220 uF/16 V)	CCH2090
	C	5444,5608,5609,5637	CCSSCH102J50
	C	5448,5633,5638,5641	CKSSYB104K10
	C	5601,6064	CKSSYB102K50
	C	5602,5607,5610,6428	CKSRYB104K25
	C	5603,5604,6401,6402	CCSSCH221J50
	C	5612,5620	CEVW101M25

Mark	No.	Description	Part No.
	C	5616-5619,5643,5645	CCSSCH101J50
	C	5621,5622,5626,5627	CCSSCH471J50
	C	5623,5628,6634,6636 (100 uF/16 V)	CCH1565
	C	5624,5625,5810	CEVW101M16
	C	5629,5630 (22 uF/6.3 V)	DCH1256
	C	5635,5636	CEVW220M16
	C	5639,5802,5818,5819	CCSSCH102J50
	C	5640,5642,5646,5647 (10 uF/10 V)	DCH1201
	C	5644,5648-5651,5801	CKSSYB104K10
	C	5803	CEVW220M6R3
	C	5804,5807,5817,5831	CKSSYB104K10
	C	5808,6620-6622,6669	CKSSYB103K16
	C	5813,5834,5841,5857 (1 uF/25 V)	ACE7129
	C	5814,5827,5840,5853 (0.1 uF/35 V)	ACE7100
	C	5815,5839,6077,6084 (0.01 uF/63 V)	ACE7097
	C	5816,6625,6662,6681	CKSRYB105K10
	C	5820,5821,5829,5835	CCSSCH101J50
	C	5823,5830,5832,5836	CCSSCH102J50
	C	5833,6623,6624,6652	CKSSYB104K10
	C	5843,6035,6036,6053 (220 uF/16 V)	CCH2090
	C	5855,6078,6085,6629 (0.1 uF/35 V)	ACE7100
	C	5856,5868,5869	CCSSCH101J50
	C	6001-6004,6743,6744 (100 uF/25 V)	CCH2000
	C	6009-6016,6018,6021	CCSSCH101J50
	C	6023,6024,6027,6030	CCSSCH101J50
	C	6037,6040,6042,6043	CCSSCH101J50
	C	6045-6052,6205-6228	CCSSCH101J50
	C	6054,6056,6057,6434 (220 uF/16 V)	CCH2090
	C	6058,6059,6066-6069 (1 000 pF/63 V)	ACE7099
	C	6070,6072,6239,6432	CKSSYB103K25
	C	6081	CCSSCH331J50
	C	6201-6204,6714	CCSSCH271J50
	C	6229-6234,6403,6407	CEVW101M16
	C	6404,6406,6420,6421	CCSSCH121J50
	C	6408,6409,6610-6612	CCSSCH101J50
	C	6411,6412,6658,6684	CEVW101M16
	C	6413,6414	CEVW470M16
	C	6415,6416,6424,6426	CCSSCH102J50
	C	6418,6419 (2 200 pF/63 V)	ACE7116
	C	6422,6425	CCSSCH330J50
	C	6427,6435-6438	CKSRYB104K16
	C	6430,6715,6716,6748	CKSRYB104K25
	C	6439,6641,6902,6904 (220 uF/16 V)	CCH2090
	C	6442,6443	CCSSCH121J50
	C	6602,6603	CKSRYB474K16
	C	6604,6605,6630,6633 (10 uF/16 V)	DCH1263
	C	6607,6619,6639,6640	CKSSYB104K16
	C	6608,6609,6615-6617	CCSSCH102J50
	C	6628 (0.01 uF/63 V)	ACE7097
	C	6631,6689,6717,6761 (0.1 uF/35 V)	ACE7100
	C	6635,6693,6757,6768 (1 uF/25 V)	ACE7129
	C	6637 (3.3 uF/16 V)	DCE1029
	C	6644	CKSSYB332K50
	C	6645	CCSSCH821J50
	C	6650,6651,6679,6700	CCSSCH102J50
	C	6653,6671,6794,6796	CKSSYB104K16
	C	6654,6656,6709,6710 (10 uF/10 V)	DCH1201
	C	6655,6657,6670,6672 (10 uF/16 V)	DCH1263
	C	6659,6765,6770,6773 (100 uF/16 V)	CCH1565
	C	6660	CKSRYB474K10
	C	6661	CKSRYB334K10
	C	6664	CCSSCH221J50
	C	6665	CKSSYB223K16
	C	6666	CCSSCH680J50
	C	6673,6676,6680,6686 (22 uF/16 V)	CCG1254
	C	6674,6677	CCSSCH561J50
	C	6675,6683,6690,6786 (10 uF/16 V)	DCH1263
	C	6678,6747,6753,6755	CCSSCH101J50
	C	6682,6687,6707,6708	CKSSYB104K10
	C	6685,6691	CKSYB105K16

Mark	No.	Description	Part No.
	C	6688,6695,6697,6725	CKSRYB105K10
	C	6696,6730	CKSQYB105K16
	C	6698 (2.2 uF/10 V)	CCG1218
	C	6702,6706	CKSSYB682K25
	C	6703 (4.7 uF/10 V)	CCG1201
	C	6713	CCSSCH471J50
	C	6718,6719 (10 uF/35 V)	CCG1236
	C	6721,6722,6728,6729	CCSSCH102J50
	C	6724,6727,6731	CKSQYB105K25
	C	6726	CKSRYB105K10
	C	6734,6737,6745,6746	CKSQYB334K50
	C	6738,6741,6742,6749	CCSSCH102J50
	C	6739,6740 (10 uF/10 V)	DCH1201
	C	6750	CKSSYB103K25
	C	6751,6756,6760	CCSRCH102J50
	C	6752,6762,6763,6777	CCSSCH102J50
	C	6758,6759	CCSRCH101J50
	C	6764	CKSRYB104K10
	C	6766,6767	CKSRYB104K25
	C	6769,6771,6772 (1 uF/25 V)	ACE7129
	C	6776	CCSSCH101J50
	C	6779,6780	CCSRCH331J50
	C	6783 (0.1 uF/35 V)	ACE7100
	C	6785 (4 700 pF/63 V)	ACE7115
	C	6787 (10 uF/16 V)	DCH1263
	C	6792 (100 uF/16 V)	CCH1565
	C	6793,6795	CCSSCH102J50
	C	6801,6903	CKSSYB103K16

SUBA ASSY
Consists of
MCIN ASSY
HPJK ASSY
MCTR ASSY
CHF1 ASSY
CHF2 ASSY
PLAY1 ASSY
PLAY2 ASSY
SER1 ASSY
SER2 ASSY

C D F J K W X Y Z

SUBA ASSY

SEMICONDUCTORS

IC	7601,7602		NJM4580MD
Q	7601-7604		2SK209
Q	7701,7702		INC2002AC1
Q	7951,7952,8001,8002		LTC114YUB
Q	8301,9401		LTC124EUB
D	7701-7704		DF2B18FU
D	7951,8001		LTL17KCGP4J
D	7952,8002		LTL17KSL5D-P
D	8301-8305,9401-9405		1SS355VM

MISCELLANEOUS

L	7601,7602	CHIP SOLID INDUCTOR	XTL3010
JA	7601,7602	XLR SOCKET	DKB1124
JA	7701	STEREO MINI JACK	XKN3017
JA	7702	6.5 DIA JACK	DKN1669
KN	7701	SCREW PLATE	VNE1948
S	7951,7952,8001	TACTILE SWITCH	DSG1151
S	8002	TACTILE SWITCH	DSG1151
S	8301-8305,9401-9405	TACT SWITCH	DSG1089
CN	7601	CONNECTOR	CKS3561
CN	7602	9P CONNECTOR	09P-1.25FJ
CN	7701	L-PLUG(6P)	KM200NA6L
CN	7751	PLUG	CKS3533
CN	7901,7911	L-PLUG(3P)	KM200NA3L
CN	7951,8001	10P CONNECTOR	VKN1241
CN	7952,8002	4P JUMPER CONNECTOR	52147-0410

Mark	No.	Description	Part No.
	CN	8301,9401 4P JUMPER CONNECTOR	52147-0410
	CN	8302,9402 12P CONNECTOR	VKN1243
	VA	7601-7606,7702,7703 VARISTORS	EZJZ1V270RM

RESISTORS

	R	7601-7604	RN1/16SE1000D
	R	7605-7608	RN1/16SE2200D
	R	7609-7612	RN1/16SE3301D
	R	7613,7614,7627,7628	RN1/16SE2701D
	R	7615,7616,7624,7626	RN1/16SE4701D
	R	7617,7618,7621,7622	RN1/16SE1501D
	R	7619,7620	RN1/16SE8200D
	R	7623,7625	RS1/10SR1500D
	R	7631,7632	RN1/16SE1201D
	R	7633,7634	RS1/10SR5102D
	VR	7751,7752 ROTARY VR	DCS1123
	VR	7901,7911 SLIDE VR	DCV1027
		Other Resistors	RS1/10SR###J

CAPACITORS

	C	7601,7603,7609-7616	CCSRCH102J50
	C	7602,7604,7623,7624	CKSRYB103K50
	C	7605-7608 (0.01 uF/50 V)	ACE7113
	C	7617-7620,7627,7628	CCSRCH471J50
	C	7621,7622	CCSRCH101J50
	C	7625,7626	CCSRCH331J50
	C	7635,7636	CEAT101M25
	C	7638,7640,7642	CCSRCH102J50
	C	7643,7644	CEANP101M16
	C	7645,7646	CCSRCH471J50
	C	7647,7648	CKSRYB102K50
	C	7649,7650	CKSRYB104K25
	C	7701,7702,7710,7711 (220 uF/6.3 V)	DCH1344
	C	7703-7706	CKSRYB223K50
	C	7707,7709	CKSRYB103K50
	C	7951,7952,8001,8002	CKSRYB103K25
	C	7954,8004 (10 uF/10 V)	DCH1201
	C	7955,8005	CKSRYB104K10

PADA ASSY
Consists of
LCDB ASSY
PAD1 ASSY
PAD2 ASSY
USBA ASSY
CRFD ASSY

E N O P AE

PADA ASSY

SEMICONDUCTORS

	IC	3601	BU90R104
	IC	3602-3604	74LCX541FT
⚠	IC	3605	R1290K103A
	IC	3606	AK4187VN
	IC	3901,3902,4101,4102	74VHC595FT
	Q	3601	2SAR502UB
	Q	3603-3614	LTC023JEB
	Q	3901-3908,3929-3934	LTC123JUB
	Q	3917,3919,3921,4117	LTC124EUB
	Q	3918,3920,3922,4118	2SB1689
	Q	3923-3928,3935-3940	LSCR523UB
	Q	3941-3946,4101-4108	LTC123JUB
	Q	4119,4121	LTC124EUB
	Q	4120,4122	2SB1689
	Q	4123-4128,4135-4140	LSCR523UB
	Q	4129-4134,4141-4146	LTC123JUB
	D	3602-3604	RB548W
	D	3605	RB162MM-40TF
	D	3606,3619-3622	NHSW146A-A21460
	D	3607	FC-F1608BAK5
	D	3608,3609,3611-3618	SML-D12M8W(NP)
	D	3610	SML-D12V8W
	D	3909-3912,3921-3924	NSSM124F-A21107
	D	3913-3920,3925-3932	1SS355VM
	D	3933,3935,3937,3939	NSSM124F-A21107
	D	3934,3936,3938	1SS355VM
	D	3940-3960,4113-4120	1SS355VM
	D	4109-4112,4121-4124	NSSM124F-A21107
	D	4125-4132,4134,4136	1SS355VM
	D	4133,4135,4137,4139	NSSM124F-A21107
	D	4138,4140-4160	1SS355VM

MISCELLANEOUS

	L	3601,3623 CHIP BEEDS FILTER	BTX1042
	L	3602 CHIP BEEDS FILTER	BTX1047
	L	3603,3604 CHIP SOLID INDUCTOR	XTL3010
	L	3605,3612-3621 CHIP BEADS	VTL1126
	L	3607 SMD SPL INDUCTOR	CTH1531
	L	3608,3622 CHIP INDUCTOR (10 uH)	DTL1105
	L	3609 INDUCTOR (10 uH)	CTF1635
	L	3624-3632 CHIP BEADS	VTL1126
	JA	4301,4302 USB JACK	DKB1118
	S	3601,3604-3610 TACT SWITCH	DSG1134
	S	3602,3603,3611,3616 PUSH SWITCH	CSG1155
	S	3612-3615 TACT SWITCH	DSG1134
	S	3617 ENCODER SW	DSX1080
	S	3901-3904,4101-4104 PUSH SWITCH	CSG1155
	CN	3601 FFC/FPC CONNECTOR	CKS6543
	CN	3602 CONNECTOR	CKS4428
	CN	3603 FFC/FPC CONNECTOR	CKS6646
	CN	3604 FFC/FPC CONNECTOR	CKS6625
	CN	3901,4101 FFC/FPC CONNECTOR	DKP3953
	CN	4301,4302 CONNECTOR	AKM1277
	CN	4401 CONNECTOR	AKM1289
	VA	4301-4306 SMD VARISTOR	EZJZ1V80010

RESISTORS

	R	3606-3609,3655,3671	RS1/16SS1000D
	R	3610,3680	RAB4CQ103J
	R	3614,3616,3617,3620	RAB4CQ220J
	R	3629-3632	RAB4CQ331J
	R	3635	RS1/16SS3603D
	R	3636	RS1/16SS5602D
	R	3637	RS1/16SS5601D
	R	3642	RS1/16SS1103D
	R	3643	RS1/16SS1202D
	R	3647	RS1/16SS1102D
	R	3650	RS1/16SS3303D
	R	3651	RS1/16SS2202D
	R	3654	RS1/16SS3902D
	R	3659	RS1/16SS15R0D
	R	3660,3664	RS1/16SS22R0D
	R	3662	RS1/16SS82R0D
	R	3663,3668,3669	RS1/16SS39R0D
	R	3665	RS1/16SS68R0D
	R	3666	RS1/16SS1500D
	R	3667	RS1/16SS27R0D
	R	3670	RS1/16SS1200D
	R	3672	RS1/16SS8200D
	R	3673	RS1/16SS1000D
	R	3674	RS1/16SS4700D
	R	3917-3928,3948-3959	RS1/10SR681J
	R	3929-3932,3960-3963	RS1/8SQ331J
	R	3933-3936,3964-3967	RS1/8SQ391J
	R	3938-3941,3969-3972	RS1/4SA271J
	R	3944-3947,3975-3978	RS1/4SA331J
	R	3979-3986,4179-4186	RS1/4SA561J
	R	3987-3994,4187-4194	RS1/8SQ122J
	R	3996-3999,4196-4199	RS1/4SA152J
	R	4002-4005,4202-4205	RS1/4SA122J
	R	4006,4010,4018,4025	RAB4CQ222J
	R	4007,4011,4019,4022	RS1/10SR822J

Mark	No.	Description	Part No.
	R	4008,4012,4020,4023	RS1/10SR123J
	R	4009,4013,4021,4024	RS1/10SR103J
	R	4014-4017,4026-4030	RS1/10SR0R0J
	R	4117-4128,4148-4159	RS1/10SR681J
	R	4129-4132,4144-4147	RS1/8SQ331J
	R	4133-4136,4164-4167	RS1/8SQ391J
	R	4138-4141,4169-4172	RS1/8SQ271J
	R	4160-4163,4175-4178	RS1/8SQ331J
	R	4206,4207,4214,4217	RAB4CQ222J
	R	4208,4211,4220,4223	RS1/10SR822J
	R	4209,4212,4221,4224	RS1/10SR123J
	R	4210,4213,4222,4225	RS1/10SR103J
	R	4215,4216,4218,4219	RS1/10SR0R0J
	R	4226-4230,4401	RS1/10SR0R0J
	VR	4401 VARIABLE RESISTOR	CCW1024
		Other Resistors	RS1/16SS###J

CAPACITORS

	C	3604,3615,3620,3623	CKSSYB104K10
	C	3614,3617,3760,3763 (10 uF/10 V)	DCH1201
	C	3616 (22 uF/16 V)	CCG1254
	C	3619,3621,3622,3625	CKSSYB103K16
	C	3624,3635,3637,3645	CKSSYB104K10
	C	3628,3738 (2.2 uF/10 V)	CCG1218
	C	3633,3639,3646,3697	CKSSYB103K16
	C	3654-3656,3721-3723	CKSSYB104K10
	C	3677	CKSRYB103K50
	C	3678,3694,3701-3704	CKSSYB102K50
	C	3679,3719,3720	CKSRYB105K10
	C	3680,3690,3724,3751 (1 uF/10 V)	DCH1246
	C	3682,3683	CKSQYB105K25
	C	3684	CKSQYB475K6R3
	C	3686,3689,3699	CKSSYB104K16
	C	3687,3688	CKSQYB474K25
	C	3692	CKSSYB224K6R3
	C	3693,3715	CKSYB475K16
	C	3695	CKSSYB561K50
	C	3696	CKSSYB332K50
	C	3698,3700,3728,3735 (10 uF/16 V)	DCH1263
	C	3716-3718,3731	CKSSYB104K16
	C	3727,3734,3736	CKSSYB102K50
	C	3729 (10 uF/6.3 V)	CCG1234
	C	3732,3743,3745,3761	CKSSYB104K10
	C	3739	CKSSYB103K25
	C	3741 (4.7 uF/10 V)	CCG1201
	C	3742	CKSQYB334K50
	C	3744	CKSRYB104K25
	C	3748-3750,3752-3754	CCSSCH102J50
	C	3756-3758,4305,4306	CCSSCH102J50
	C	3762,3930,4130,4402	CKSSYB104K10
	C	3901,3902,3920-3925	CKSSYB103K16
	C	3903-3910,4103-4110	CCSSCH101J50
	C	3913,4113 (10 uF/10 V)	DCH1201
	C	3927,4127	CEVW101M16
	C	3928,3929,4101,4102	CKSSYB103K16
	C	4120-4125,4128,4129	CKSSYB103K16
	C	4303,4304	CKSSYB103K16
	C	4401	CKSSYB471K50

UCOMA ASSY
Consists of
UCOM ASSY
EFSW ASSY

G I

UCOMA ASSY

SEMICONDUCTORS

	IC	4501	74LCX244FT
NSP	IC	4502	DYW2159*
		*Part number of the initial firmware equipped	
	IC	4503	PST8430N
NSP	IC	4505	DYW2160*
		*Part number of the initial firmware equipped	
⚠	IC	4508	NJM2872BF33
	IC	4509-4514	TC7SH08FUS2
	Q	4501	LTA024EEB
	Q	4503	LTC043EEB
	Q	4505,4507,4509	LSAR523UB
	Q	4506,4508,4510	LTC024EEB
	Q	4901-4908	LTC124EUB
	Q	4909-4914	2SC4081
	Q	4915	KTA1532U
	D	4501-4511,4901-4924	1SS355
	D	4925,4927,4929,4935	SLR343BD2T
	D	4931	LTL17KCGP4J
	D	4933	LTL17KRH5D-P

MISCELLANEOUS

	L	4501,4502 CHIP COIL (33 uH)	LCTAW330J2520
	S	4901,4902,4904,4908 TACT SWITCH	DSG1089
	S	4903,4905,4906,4910 TACT SWITCH	DSG1079
	S	4907 SLIDE SWITCH	DSH1058
	S	4909 TACT SWITCH	DSG1089
	S	4911,4912 ROTARY ENCODER	DSX1137
	S	4913 ROTARY ENCODER	DSX1136
	X	4501 CRYSTAL RESONATOR (16 MHz)	BSS1146
	CN	4503,4515 27P CONNECTOR	VKN1287
	CN	4504,4505 FFC/FPC CONNECTOR	CKS6645
	CN	4506,4901 35P CONNECTOR	VKN2025
	CN	4507 19P CONNECTOR	VKN1250
	CN	4508 FFC/FPC CONNECTOR	CKS6645
	CN	4509,4517,4519,4520 CONNECTOR	CKS3871
	CN	4510-4514 PLUG(3P)	KM200NA3
	CN	4516 FFC/FPC CONNECTOR	DKP3953
	CN	4518 24P CONNECTOR	VKN1255

RESISTORS

	R	4514-4517,4594,4595	RAB4CQ101J
	R	4556,4566,4568	RAB4CQ560J
	R	4567,4638	RAB4CQ103J
	R	4583-4586,4626,4636	RAB4CQ560J
	R	4646,4647,4654	RAB4CQ560J
	R	4690,4693,4712,4740	RS1/8SQ0R0J
	R	4697-4704,4750-4752	RS1/4SA2R0J
	R	4716-4723	RS1/4SA3R3J
	R	4741,4745	RS1/8SQ0R0J
	R	4907-4912	RS1/10SR222J
	R	4919-4924	RS1/10SR473J
	R	4925	RS1/10SR681J
	R	4926,4927	RS1/10SR223J
	R	4928-4930,4934-4936	RS1/10SR122J
	R	4931,4937,4940	RS1/10SR561J
	R	4932,4933	RS1/10SR821J
	R	4939	RS1/10SR102J
	VR	4901 POTENTIONETER	DCS1065
		Other Resistors	RS1/16SS###J

CAPACITORS

	C	4502,4510,4528,4529	CKSSYB104K10
	C	4503-4508,4540	CCSSCH100D50
	C	4509,4563,4672,4698	CEVW101M16
	C	4511-4527,4530-4533	CCSSCH471J50
	C	4534,4535,4539,4544	CCSSCH102J50
	C	4536,4537,4541,4542	CKSSYB103K16
	C	4538,4543,4547,4548	CKSSYB104K10
	C	4545	CCSSCH120J50
	C	4546,4549-4551,4553	CCSSCH471J50
	C	4552	CKSSYB473K10
	C	4558,4577-4579,4581	CCSSCH101J50
	C	4564,4576,4592,4593	CKSSYB104K10
	C	4565,4588,4591,4594	CCSSCH471J50
	C	4566-4570,4589,4598	CCSSCH102J50

Mark	No.	Description	Part No.
	C	4571-4575	CKSSYB103K16
	C	4583-4585,4587	CCSSCH101J50
	C	4595,4614,4617,4620	CKSSYB104K10
	C	4596,4597,4599,4601	CCSSCH471J50
	C	4600,4659	CCSSCH102J50
	C	4602,4606	CCSSCH471J50
	C	4603-4605,4607	CCSSCH101J50
	C	4615,4616,4618,4621	CKSSYB104K16
	C	4635,4640,4644,4645	CKSSYB104K10
	C	4637,4683,4687,4699	CKSSYB104K16
	C	4642,4651,4695,4696 (10 uF/10 V)	DCH1201
	C	4648	CKSSYB103K25
	C	4650 (2.2 uF/10 V)	CCG1218
	C	4655,4661,4663,4665	CKSSYB104K10
	C	4662,4664,4666,4690	CKSSYB102K50
	C	4667-4669,4678,4682	CKSSYB104K10
	C	4675-4677,4701-4703	CCSSCH101J50
	C	4686,4689,4691,4693	CKSSYB104K10
	C	4692,4694	CKSSYB102K50
	C	4697,4704,4705,4708	CKSSYB104K10
	C	4710,4715,4717,4718	CKSSYB104K10
	C	4720,4721,4737,4739	CKSSYB104K10
	C	4735,4736,4738,4740	CKSSYB104K16
	C	4741,4742,4747-4750	CKSSYB104K10
	C	4761,4762	CKSSYB104K10
	C	4901,4908,4909	CKSRYB104K16
	C	4903,4906	CKSRYB104K10
	C	4905,4907	CEVW470M16

H
MIXER ASSY

SEMICONDUCTORS

	IC	7001-7003	TC74HC4051AF
	IC	7004	TC74VHC164F
	IC	7005,7006	TC74VHC595F
	Q	7001-7007,7010	LSCR523UB
	Q	7008,7009,7025,7027	LTC124EUB
NSP	Q	7011	2SB1694
	Q	7012-7024	LSCR523UB
	Q	7026,7028,7030,7032	KTA1532U
	Q	7029,7031,7033-7036	LTC124EUB
	D	7001,7002,7009-7014	LTL17KSL5D-P
	D	7003-7008	SLR343WBC7T
	D	7015,7016,7026,7027	LTL17KRH5D-P
	D	7017-7020,7028-7031	LTL17KSL5D-P
	D	7021-7025,7032-7036	LTL17KGH5D-P
	D	7037,7038,7048,7049	LTL17KRH5D-P
	D	7039-7042,7050-7053	LTL17KSL5D-P
	D	7043-7047,7054-7058	LTL17KGH5D-P
	D	7059-7082	1SS355VM

MISCELLANEOUS

	S	7001,7003-7008 TACT SWITCH	DSG1079
	S	7002,7009 SLIDE SWITCH	DSH1058
	S	7010-7012 TACT SWITCH	DSG1079
	S	7013-7016 SLIDE SWITCH	DSH1058
	CN	7001,7003 35P CONNECTOR	VKN2025
	CN	7002 30P CONNECTOR	VKN1261

RESISTORS

	R	7023-7046	RS1/10SR5600D
	VR	7001,7002,7008,7014 ROTARY VR	DCS1104
	VR	7003-7007,7009-7013 ROTARY VR	DCS1078
	VR	7015-7018 ROTARY VR	DCS1078
	VR	7019,7020 ROTARY VR	DCS1104
	VR	7021-7024 ROTARY VR	DCS1126
		Other Resistors	RS1/10SR###J

Mark	No.	Description	Part No.

CAPACITORS

	C	7001-7006	CCSRCH681J50
	C	7007-7011,7076,7099	CKSRYB104K16
	C	7012-7023,7028-7039	CCSRCH471J50
	C	7024-7027,7040-7066	CKSRYB104K10
	C	7073,7080,7082,7086	CKSRYB104K10
	C	7074,7078,7084	CEJQ101M16
	C	7081,7083 (10 uF/10 V)	DCH1201
	C	7085,7088	CCSRCH471J50
	C	7087,7090	CKSRYB103K25
	C	7089,7092,7093,7100	CKSRYB104K10
	C	7101-7109	CCSRCH102J50

PNL1 ASSY
Consists of
DCK1 ASSY
TMP1 ASSY
PWSW ASSY
CHF3 ASSY
STL1 ASSY
STL2 ASSY
STL3 ASSY

L R S U
PNL1 ASSY

SEMICONDUCTORS

	IC	8101	TC74HC4051AF
	IC	8102	TC74VHC164F
	Q	8101-8105,8109,8114	LTC124EUB
	Q	8106,8110,8116,8120	2SAR502UB
	Q	8107,8108,8111-8113	LTC123JUB
	Q	8115,8117,8122,8126	HN1A01FUS1
	Q	8118,8351	LTC124EUB
	Q	8119,8123,8127,8128	LTC123JUB
	Q	8121,8124,8125	LSCR523UB
	D	8101-8111,8113,8115	1SS355VM
	D	8112,8116,8117,8119	LTL17KRH5D-P
	D	8118,8120,8122,8127	LTL17KSL5D-P
	D	8121,8123,8126,8351	LTL17KRH5D-P
	D	8124	LTL17KCBH5D
	D	8125	SLR343WBC7T
	D	8128,8130	LTL17KCGP4J
	D	8129,8131,8353	LTL17KGH5D-P
	D	8352,8354-8359	1SS355VM

MISCELLANEOUS

	KN	8101,8351 EARTH TERMINAL	AKF7002
	S	8101,8103,8104,8107 TACT SWITCH	DSG1089
	S	8102,8105,8106,8109 TACT SWITCH	DSG1079
	S	8108,8110,8112,8113 TACT SWITCH	DSG1089
	S	8111 TACT SWITCH	DSG1079
	S	8115,8117,8351-8353 TACT SWITCH	DSG1089
	S	8116,8118,8119 SLIDE SWITCH	DSH1066
	S	8401 PUSH SW	ASG1102
	CN	7921 L-PLUG(3P)	KM200NA3L
	CN	8101 30P CONNECTOR	VKN1261
	CN	8102 24P CONNECTOR	VKN1255
	CN	8103 12P CONNECTOR	VKN1243
	CN	8104,8351 16P CONNECTOR	VKN1247
	CN	8105,8401 4P JUMPER CONNECTOR	52147-0410

RESISTORS

	VR	7921 SLIDE VR	DCV1027
	VR	8101 ROTARY VR	DCS1104
	VR	8102-8107 ROTARY VR	DCS1116
	VR	8351 SLIDE VR	DCV1032
	VR	8352 VARIABLE RESISTOR	DCP1107
		Other Resistors	RS1/10SR###J

CAPACITORS

	C	8101,8107,8115-8120	CKSRYB104K10

Mark	No.	Description	Part No.
	C	8102-8105,8108-8111	CCSRCH471J50
	C	8112-8114,8352	CCSRCH102J50
	C	8121,8122,8124,8128	CKSRYB103K25
	C	8123,8126,8127,8131	CKSRYB104K10
	C	8125,8129,8132	CEJQ101M16
	C	8130	CKSRYB105K10
	C	8134,8135	CCSRCH471J50
	C	8136-8141,8353,8354	CKSRYB104K10
	C	8355	CEJQ470M16
	C	8356	CKSRYB104K10
	C	8401	CKSRYB103K25

PNL2 ASSY
Consists of
DCK2 ASSY
TMP2 ASSY
CHF4 ASSY
JOG1 ASSY
JOG2 ASSY
STL4 ASSY

M T V AC AD

PNL2 ASSY

SEMICONDUCTORS

	IC	9001	TC74HC4051AF
	IC	9002	NJM2903M
	IC	9003,9004	TC74VHC595F
	IC	9005	TC74VHC164F
	Q	9001-9003,9005,9006	LTC124EUB
	Q	9004	LTA143EUB
	Q	9007,9011,9013,9018	2SA1577
	Q	9008,9009,9014	LTC123JUB
	Q	9010,9012,9015,9019	LTC124EUB
	Q	9016,9017	HN1A01FUS1
	Q	9020	2SAR502UB
	Q	9021-9034	LSCR523UB
	Q	9035,9037,9451	LTC124EUB
	Q	9036,9038	2SB1689
	D	9001-9016,9452	1SS355VM
	D	9017,9018,9023,9024	LTL17KRH5D-P
	D	9019-9022,9025,9029	LTL17KSL5D-P
	D	9026,9030,9031	LTL17KRH5D-P
	D	9027	LTL17KCBH5D
	D	9028	SLR343WBC7T
	D	9032-9035,9044-9047	LTL17KSL5D-P
	D	9036-9040,9048-9052	LTL17KGH5D-P
	D	9041-9043,9451	LTL17KRH5D-P
	D	9453	LTL17KGH5D-P
	D	9454-9459	1SS355VM

MISCELLANEOUS

	KN	9001,9451 EARTH TERMINAL	AKF7002
	S	9001,9003,9004,9007 TACT SWITCH	DSG1089
	S	9002,9005,9006,9009 TACT SWITCH	DSG1079
	S	9008,9010,9012-9017 TACT SWITCH	DSG1089
	S	9011,9018 TACT SWITCH	DSG1079
	S	9451-9453 TACT SWITCH	DSG1089
	CN	7931 L-PLUG(3P)	KM200NA3L
	CN	9001,9002 30P CONNECTOR	VKN1261
	CN	9003 12P CONNECTOR	VKN1243
	CN	9004,9451 16P CONNECTOR	VKN1247
	CN	9601,9701 4P CONNECTOR	VKN1264
	PC	9601,9701 PHOTO INTERRUPTER	KE-2N18-15

RESISTORS

	R	9103-9113	RS1/4SA0R0J
	R	9171-9177	RS1/8SQ101J
	VR	7931 SLIDE VR	DCV1027
	VR	9001 ROTARY VR	DCS1104
	VR	9002,9006 ROTARY VR	DCS1117
	VR	9003-9005 ROTARY VR	DCS1116
	VR	9451 SLIDE VR	DCV1032
	VR	9452 VARIABLE RESISTOR	DCP1107
	Other Resistors		RS1/10SR###J

CAPACITORS

	C	9001,9004,9005,9007	CKSRYB104K10
	C	9002,9003,9008,9010	CCSRCH471J50
	C	9009,9015-9021,9023	CKSRYB104K10
	C	9011,9039,9043	CCSRCH471J50
	C	9012-9014,9452	CCSRCH102J50
	C	9022,9024,9032,9036	CKSRYB103K25
	C	9029,9035,9038	CEJQ101M16
	C	9030,9033,9037,9040	CKSRYB104K10
	C	9031,9601,9701	CKSRYB105K10
	C	9041,9042,9602,9603	CKSRYB103K25
	C	9045-9047,9055,9453	CKSRYB104K10
	C	9454	CEJQ470M16
	C	9455,9456	CKSRYB104K10
	C	9702,9703	CKSRYB103K25

JOGA ASSY
Consists of
JLCD1 ASSY
JLCD2 ASSY
XPAD ASSY

Q AA AB

JOGA ASSY

SEMICONDUCTORS

⚠	IC	3001,3201	BD00IC0WEFJ
NSP	IC	3002,3202	R5S72690W266FP
NSP	IC	3003,3203	DYW2158*
	*Part number of the initial firmware equipped		
	IC	3007,3206	W9864G6KH-5
	IC	3401	ATSAMD20E15A-MU
	Q	3001,3014,3201,3202	LTC024EEB
	Q	3002,3203	ISA1602AM1
	Q	3005,3006,3206,3207	IMX25
	Q	3007,3208	HN1A01FUS1
	Q	3008,3011,3209,3212	LSCR523UB
	Q	3401-3403	2SC4081
	D	3001-3004,3201-3204	NHSW157B-A13072
	D	3401-3403,3406-3408	SWBA05

MISCELLANEOUS

	L	3001-3004,3011-3024 INDUCTOR	CTF1639
	L	3005-3007,3205-3207 INDUCTOR	CTF1545
	L	3008-3010,3208-3210 CHIP BEADS	VTL1126
	L	3025,3225 CHIP BEADS	VTL1129
	L	3026,3226 CHIP INDUCTOR (10 uH)	DTL1105
	L	3201-3204,3211-3224 INDUCTOR	CTF1639
	L	3401 CHIP SOLID INDUCTOR	XTL3010
	X	3001,3201 CRYSTAL RESONATOR (13.333 3 MHz)	CSS1840
	CN	3001,3201 10P CONNECTOR	VKN1414
	CN	3003,3203 CONNECTOR	CKS1072
	CN	3004,3204 FFC/FPC CONNECTOR	CKS6625
	CN	3005,3205 27P CONNECTOR	VKN1431
	CN	3006,3206 FFC/FPC CONNECTOR	CKS6646
NSP	CN	3401 CONNECTOR	CKS3860

RESISTORS

	R	3001,3020,3081,3138	RS1/10SR0R0J
	R	3002,3202	RS1/10SR9101D
	R	3003,3203	RS1/10SR1602D
	R	3013,3016,3017,3019	RAB4CQ121J
	R	3018,3041,3043,3050	RAB4CQ102J
	R	3033,3040,3048,3049	RAB4CQ560J
	R	3063,3269	RAB4CQ472J
	R	3075,3272	RS1/16SS2402F
	R	3086,3279	RAB4CQ103J
	R	3113,3304	RS1/10SR104J

Mark	No.	Description	Part No.
	R	3114,3305	RS1/10SR332J
	R	3115,3303	RAB4CQ222J
	R	3118,3309	RAB4CQ473J
	R	3126,3313	RS1/10SR5600D
	R	3127,3314	RS1/10SR4300D
	R	3128,3315	RS1/16SS1201D
	R	3129,3316	RS1/16SS6800D
	R	3130,3317	RS1/16SS2401D
	R	3131,3318	RS1/16SS1801D
	R	3132,3319	RS1/16SS91R0F
	R	3133,3320	RS1/16SS5101D
	R	3135,3322	RS1/16SS9101D
	R	3136,3323	RS1/16SS8201D
	R	3137,3324	RS1/16SS56R0D
	R	3139,3147,3326,3334	RS1/10SR122J
	R	3140,3148,3327,3335	RS1/10SR473J
	R	3143,3146,3151,3154	RS1/10SR0R0J
	R	3144,3152,3331,3339	RS1/10SR181J
	R	3201,3220,3278,3325	RS1/10SR0R0J
	R	3213,3216,3217,3219	RAB4CQ121J
	R	3218,3242,3244,3251	RAB4CQ102J
	R	3234,3241,3249,3250	RAB4CQ560J
	R	3330,3333,3338,3341	RS1/10SR0R0J
	R	3428-3436,3443-3451	RS1/10SR122J
	Other Resistors		RS1/16SS###J

CAPACITORS

	C	3002,3202	CKSRYB105K10
	C	3003,3004,3009,3019 (10 uF/10 V)	DCH1201
	C	3005,3020-3028,3031	CKSSYB104K10
	C	3006,3017,3018,3029	CCSSCH471J50
	C	3008,3208	CKSSYB104K16
	C	3015,3215	CCSSCH470J50
	C	3030,3032,3053-3055	CCSSCH101J50
	C	3035,3036,3038-3041	CKSSYB104K10
	C	3051,3052,3056-3059	CKSSYB104K10
	C	3065-3068,3071-3074	CKSSYB104K10
	C	3076,3078-3090,3092	CKSSYB104K10
	C	3091,3097,3107-3113	CKSSYB103K16
	C	3094,3230,3232	CCSSCH101J50
	C	3095,3098,3102,3116	CKSSYB104K10
	C	3096,3118,3124,3129	CCSSCH102J50
	C	3099,3115,3122,3203 (10 uF/10 V)	DCH1201
	C	3100,3101,3299,3300	CCSSCH120J50
	C	3103,3302,3401,3402 (10 uF/6.3 V)	CCG1234
	C	3114,3312 (47 uF/16 V)	CCH1961
	C	3117,3290,3296	CKSSYB103K16
	C	3119,3120,3317,3318	CKSRYB104K25
	C	3123,3205,3220-3228	CKSSYB104K10
	C	3132,3295,3316,3322	CCSSCH102J50
	C	3204,3209,3219,3298 (10 uF/10 V)	DCH1201
	C	3206,3217,3218,3229	CCSSCH471J50
	C	3231,3235,3236	CKSSYB104K10
	C	3238-3241,3251,3252	CKSSYB104K10
	C	3253-3255,3293	CCSSCH101J50
	C	3256-3259,3265-3268	CKSSYB104K10
	C	3270-3273,3275	CKSSYB104K10
	C	3277-3289,3291,3294	CKSSYB104K10
	C	3297,3301,3314,3321	CKSSYB104K10
	C	3305-3311,3315	CKSSYB103K16
	C	3313,3320 (10 uF/10 V)	DCH1201
	C	3324,3325	CCSSCH102J50
	C	3403	CKSRYB104K10
	C	3404 (10 uF/6.3 V)	CCG1234
	C	3405,3407	CKSSYB104K10
	C	3406 (1 uF/10 V)	DCH1266
	C	3408-3410,3413-3415	CKSSYB102K50
	C	3416 (10 uF/16 V)	DCH1263

Mark	No.	Description	Part No.

AF

SW POWER SUPPLY

There is no service parts.